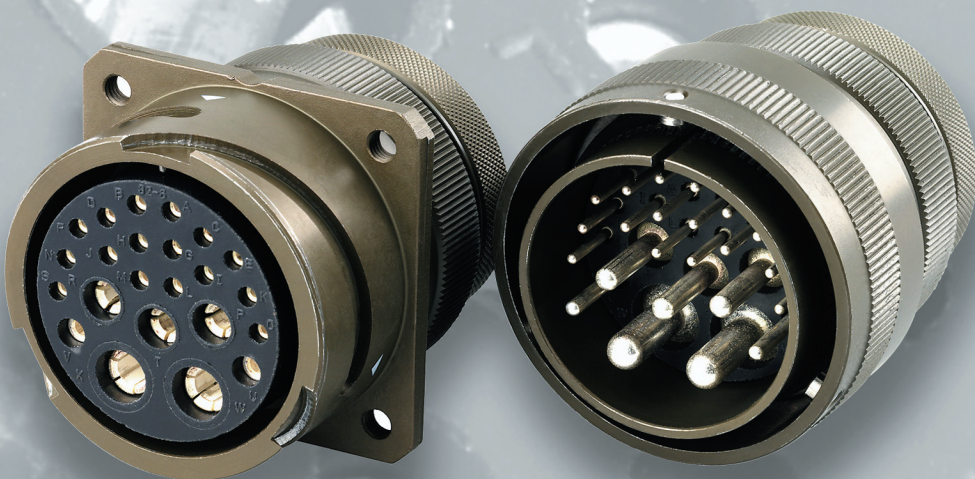


Amphenol

V G 9 5 2 3 4

GCB-B

GCA-B



| | |
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Wir sind bestrebt, unsere Produkte weiter zu entwickeln und behalten uns maßliche und technische Änderungen an den Steckverbindern vor.

Our products are the subject of continuous development and we reserve the right to introduce changes in their design.

Ce document n'est pas contractuel. Les informations contenues dans ce catalogue sont susceptible d'évolution.

GCB-B Baureihe

Die Steckverbinder der GCB-B Baureihe mit Reverse-Bajonett-Verschluss entsprechen der Norm VG95234.

Sie bieten eine hohe Zuverlässigkeit, sind wasserdicht, verschleiß- und vibrationsfest.

Sie haben die gleichen Befestigungsmaße und Polanordnungen wie Steckverbinder nach MIL-C-5015, sind jedoch mit Reverse-Bajonett-Verriegelung und Wellfeder versehen, was schnelles, müheloses Ver- und Entriegeln garantiert und bei starker Vibration einen großen Schutz gegen ungewolltes Entriegeln bietet.

Die nach VG95234 zugelassenen Bauformen sind grundsätzlich mit Einzeladerabdichtung ausgerüstet.

Werden bei Steckverbindern nach VG95234 Modifikationen gewünscht, wie z.B. andere Oberflächenbehandlung, Kontaktausführungen oder Endgehäuse, so haben diese grundsätzlich eine GCB-B Bezeichnung.

Typische Anwendungen für diese Baureihen sind Wehrtechnik, industrielle Anlagen und Schienenfahrzeuge, sowie Antriebstechnik, Werkzeugmaschinen, Messtechnik und Robotik.

GCA-B Baureihe

Die GCA-B Steckverbinder sind 100% austauschbar- und steckkompatibel mit den Steckverbindern der GCB-B Serie und bieten eine große Auswahl zusätzlicher Polbilder, die nicht in der VG95234 beschrieben sind.

Sie besitzen den gleichen technischen Aufbau wie die GCB-B Serie, bis auf die Kontakte, welche ein anderes Design haben.

GCB-B Series

These connectors with reverse bayonet coupling are conform to the VG95234 standard.

Offering a high liability, they are coevally waterproof and resistant to vibrations and wear.

They use the same installation dimensions and contact arrangements as connectors according to MIL-C-5015. However they are provided with reverse bayonet coupling and ondular washer, which guarantee a fast and effortless locking/unlocking and avoid an unintentional unlatch due to heavy vibrations.

All VG95234 designs are basically equipped with an individual wire sealing grommet.

If VG95234 connectors are required with modifications, e.g. with solder contacts or other shell- or contact plating, they have to be ordered with GCB-B designation.

Common applications include military sector, industrial plants and railway vehicles as well as propulsion technologies, machine tools, measurement and robotics.

GCA-B Series

The GCA-B connectors are fully interchangeable and intermateable with GCB-B connectors and offer a variety of additional arrangements not described in the VG95234.

They have the same technical setup as GCB-B series except the contacts that have a special design.

Gamme GCB-B

Ces connecteurs à accouplement « Reverse Bayonet » répondent à la norme VG95234.

Ils présentent une bonne résistance à l'usure, sont étanches et ont une très bonne tenue aux vibrations.

Ils ont les mêmes dimensions de fixation et les mêmes arrangements que les connecteurs conformes à la norme MIL-C-5015.

Ils possèdent un système d'accouplement « Reverse Bayonet » incluant une bague ondulée qui garanti un verrouillage / déverrouillage rapide et empêche, lors de vibrations importantes, un désaccouplement intempestif.

Tous les connecteurs VG95234 possèdent un grommet assurant l'étanchéité des conducteurs.

Si des modifications sont requises sur les connecteurs VG95234 (traitement de surface, type de contacts, raccord arrière, etc...), ils ne seront livrables que sous la désignation GCB-B.

Les domaines d'utilisation de ces gammes sont le militaire, l'industriel, le ferroviaire, les machines-outils et la robotique.

Gamme GCA-B

Les connecteurs GCA-B sont à 100% interchangeables et intermariables avec les connecteurs GCB-B et offrent un grand nombre d'arrangements supplémentaires non décrits dans la norme VG95234.

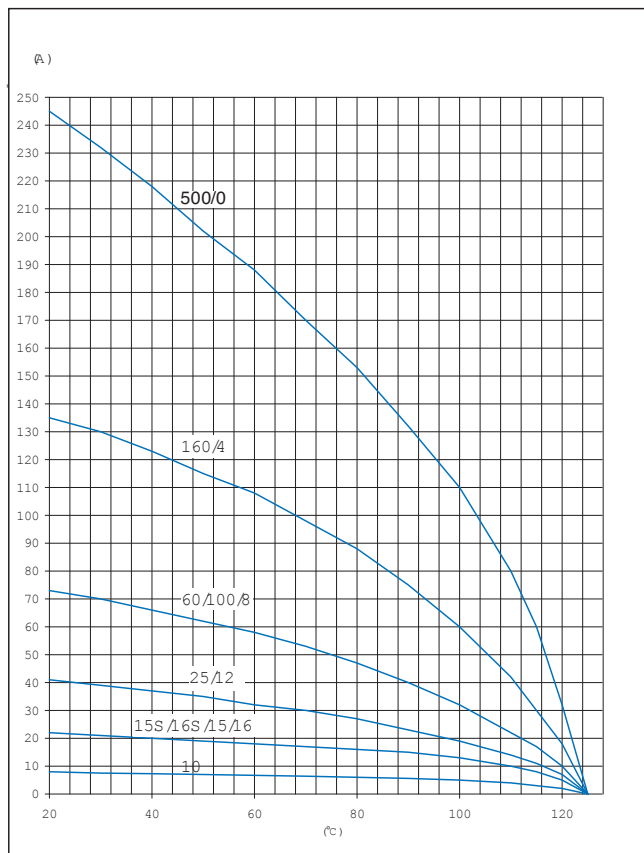
Ces connecteurs ont les mêmes caractéristiques techniques que la gamme GCB-B, à l'exception des contacts qui ont un design spécifique.

Nennstrom bei 20°C / Nominal current at 20°C /
 Courant nominal à 20°C

| Kontaktgröße / Contact size / Taille de contact | Max. Nennstrom / Max. nominal current / Courant nominal maxi (A) |
|---|---|
| 10 | 8 |
| 15S / 16S | 22 |
| 15 / 16 | 22 |
| 25 / 12 | 41 |
| 60 / 100 / 8 | 74 |
| 160 / 4 | 135 |
| 500 / 0 | 245 |

Betriebsstrom / Rated current / Courant d'utilisation

In Abhängigkeit von der Umgebungstemperatur / Depending
 on ambient temperature / En fonction de la température
 ambiante

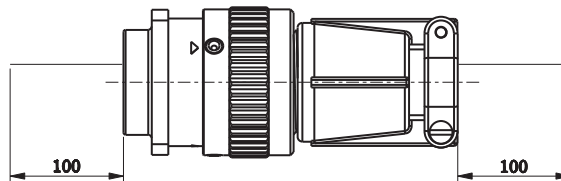


Isolationswiderstand / Insulation resistance /
 Résistance d'isolement

≥ 1000 MΩ

Durchgangswiderstand / Contact resistance /
 Résistance de contact

Die Messpunkte der untenstehenden Abbildung entnehmen /
 See picture below for measuring conditions / Voir les
 conditions de mesure suivant vue ci dessous



| Kontaktgröße / Contact size / Taille de contact | Max. Durchgangswiderstand / Max. contact resistance / Résistance de contact maxi (mΩ) |
|---|--|
| 10 | 12 |
| 15S / 16S | 6 |
| 15 / 16 | 6 |
| 25 / 12 | 3 |
| 60 / 100 / 8 | 1 |
| 160 / 4 | 0,5 |
| 500 / 4 | 0,2 |

Spannungsfestigkeit / Dielectric withstanding
 voltage / Rigidité diélectrique

| Spannungsklasse / Voltage class / Classe de tension | Prüfspannung / Test voltage / Tension d'essai Ueff (V) |
|---|---|
| 1 | 1050 |
| 2 | 1600 |
| 3 | 2500 |
| 4 | 3000 |

Luft- und Kriechstrecken / Air creepage and cree-
 ping distance / Distance d'isolement dans
 l'air et le long de la matière

| Spannungsklasse / Voltage class / Classe de tension | 1 | 2 | 3 | 4 |
|--|-----|-----|-----|-----|
| Wert / Value / Valeur (mm) | 0,7 | 1,1 | 2,8 | 4,8 |

Betriebsspannung / Rated voltage /
 Tension d'utilisation

Werden die in diesem Katalog gezeigten Steckverbinder für
 Spannungen > 50 Veff gegen Erde eingesetzt, so sind die
 berührbaren Gehäuseteile zuverlässig in die Schutzmaß-
 nahmen des Gerätes mit einzubeziehen (siehe auch DIN VDE Teil
 410 ; IEC 60364-4-41). Diese Steckverbinder dürfen betriebsmä-
 ßig nicht unter Spannung gesteckt oder getrennt werden.
 If the connectors shown in this catalog are used for voltage
 > 50 Veff against earth, all accessible conductive parts have
 to be included reliably into the preventive measures of the
 equipment.

These connectors can not be connected or disconnected under
 voltage.

Si les connecteurs cités dans ce catalogue, utilisés avec une ten-
 sion > 50 Veff sont reliés à la terre, il faut également relier les
 parties métalliques accessibles (voir également DIN VDE Partie
 410 ; IEC 60364-4-41). Ces connecteurs ne doivent en aucun cas
 être connectés ou déconnectés sous tension.

Umgebungstemperatur / Operating temperature /
Température d'utilisation

-55 / 125°C

Steckzyklen / Cycles / Endurance

500 min.

Schutzart / IP code / Indice de protection

Alle Endgehäuse mit Grommet erfüllen IP67 (bei Einzeladern nur in vollbestücktem Zustand). Bei Steckern mit PG- oder metrischem Endgehäuse ist die Schutzart von der Schutzart des Adapters abhängig.

All backshells with grommet are IP 67 (only if all cavities are used). For connectors with PG- or metrical backshell, the IP code depends on the IP code of the adapter which will be used.

Tous les raccords avec grommet sont IP 67 (uniquement si toutes les cavités sont obturées). Pour les connecteurs avec raccord PG- ou métrique, le degré d'étanchéité dépend de celui du serre-câble utilisé.

Schwingung / Vibration / Vibration

200 m/s² bei 10 bis 2000 Hz

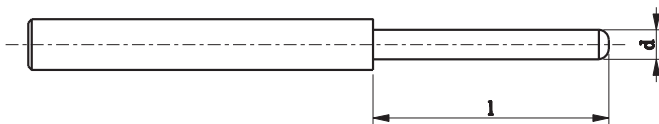
200 m/s² at 10 to 2000 Hz

200 m/s² pour 10 à 2000 Hz

Kontakthalterung / Contact retention /
Rétention des contacts

| Kontaktgröße / Contact size / Taille de contact | Prüfkraft / Test force / Force de test (N) |
|---|--|
| 10 | 30 |
| 15S / 16S | 35 |
| 15 / 16 | 35 |
| 25 / 12 | 55 |
| 60 / 100 / 8 | 80 |
| 160 / 4 | 90 |
| 500 / 0 | 95 |

Prüflehre / Gauge / Calibre



| Prüflehre / Gauge / Calibre | d +0,01 | l -1 |
|--------------------------------|------------|---------|
| G 0,99 | 0,99 | 7 |
| G 1,56 | 1,56 | 9 |
| G 2,36 | 2,36 | 12 |
| G 3,58 | 3,58 | 13 |
| G 5,69 | 5,69 | 13 |
| G 9,04 | 9,04 | 13 |

Ziehkraft der Prüflehre in der Kontaktbuchse /
Gauge extraction force in a female contact / Force
d'extraction d'un calibre dans un contact femelle

| Kontaktgröße / Contact size / Taille de contact | Prüfkraft / Test force / Force de test (N min) | Prüflehre / Gauge / Calibre |
|---|--|-----------------------------------|
| 10 | 0,3 | G 0,99 |
| 15S / 16S | 1,0 | G 1,56 |
| 15 / 16 | 1,0 | G 1,56 |
| 25 / 12 | 1,5 | G 2,36 |
| 60 / 100 / 8 | 3,0 | G 3,58 |
| 160 / 4 | 4,0 | G 5,69 |
| 500 / 0 | 8,5 | G 9,04 |

Kupplungsdrehmomente / Couplings torques /
Force d'accouplement

Werte sind im verkabelten Zustand geben /

Values are given in wired condition /

Les valeurs sont données pour des connecteurs câblés.

| Gehäusegröße / Shell size / Taille de boîtier | Zulässige Drehmomente / Admissible torques / Moment admissible | |
|---|--|---|
| | Schließen und Öffnen / Close and open / Fermeture et ouverture N.m max. | Öffnen / Open / Ouverture N.m min. |
| 10SL | 1,7 | 0,15 |
| 14S | 3,6 | 0,35 |
| 16S / 16 | 5,5 | 0,46 |
| 18 | 8,0 | 0,58 |
| 20 | 9,0 | 0,70 |
| 22 | 11,0 | 0,80 |
| 24 | 14,0 | 0,80 |
| 28 | 17,0 | 0,92 |
| 32 | 19,0 | 1,03 |
| 36 | 23,0 | 1,03 |

Werkstoffe / Materials / Matières

Gehäuse / Shells / Boîtiers –

Aluminiumlegierung / Aluminium alloy / Alliage d'aluminium

Oberfläche olivgrün / Olive drab finish / Finition vert olive

Andere Oberflächen / Other plating / Autres traitements -

Siehe Seite / See page / Voir page 7

Kontaktträger / Inserts / Inserts –

Neopren / Neoprene / Néoprène

Kontakte / Contacts / Contacts –

Kupferlegierung versilbert / Copper alloy silver plated/ Alliage
cuivreux argenté

Andere Oberflächen / Other plating / Autres traitements -

Siehe Seite / See page / Voir page 7

| | | | | | | | | |
|---|---------|---|---|------|---|---|---|---|
| Bestellschlüssel nach VG95234 / How to order according to VG95234 / Système de référence suivant la VG95234 | VG95234 | D | - | 32-6 | S | 1 | N | 1 |
| Norm / Standard / Norme | | | | | | | | |
| Gehäuseform / Shell style / Style de boîtier | | | | | | | | |
| Gliederungszeichen / Combination symbol / Séparation | | | | | | | | |
| Gehäusegröße-Polbild / Shell size-Contact insert / Taille de boîtier – Insert | | | | | | | | |
| Kontaktart / Contact type / Type de contact | | | | | | | | |
| Anschlussart / Connection type / Type de raccordement | | | | | | | | |
| Winkelstellung / Angular position / Polarisation | | | | | | | | |
| Mit oder ohne Kontakte / With or without Contacts / Avec ou sans contacts | | | | | | | | |

| Erläuterung zum Bestellschlüssel / How to order / Explication du système de référence | |
|---|---|
| Norm / Standard / Norme | VG95234 |
| Gehäuseform / Shell style / Style de boîtier | A, B1, B2 – Gerätesteckdose / Fixed connector / Embase à colerette carrée D, G, H, L, M, R1, T – Gerader Stecker / Free connector straight / Mobile droite E, E1, K – Stecker 90° abgewinkelt / Free connector angular type / Mobile coudée F – Kabelverlängerung / Inline receptacle / Prolongateur J1, J2, N1, N2, S1, S2, U1, U2 – Flanschsteckdose für Hinterwandmontage / Fixed connector for back panel mounting / Embase carrée pour montage arrière |
| Gehäusegröße / Shell size / Taille de boîtier | 10SL, 14S, 16S, 16, 18, 20, 22, 24, 28, 32, 36 |
| Polbild / Contact insert / Insert | Siehe Seite / See page / Voir page 8-13 |
| Kontaktart / Contact type / Type de contact | P – Stift / Pin / Mâle S – Buchse / Socket / Femelle |
| Anschlussart / Connection type / Type de raccordement | Ohne Kennziffer - Crimpkontakte für metrische Leiterquerschnitte / Without identification number - Crimp contacts for metric conductor cross-sections / Sans identification - Contacts à sertir pour conducteurs métriques Mit Kennziffer 1 - Crimpkontakte für AWG-Leiterquerschnitte / With identification number 1 - Crimp contact for AWG conductor cross-sections / Avec identification 1 - Contacts à sertir pour conducteurs AWG |
| Winkelstellung / Angular position / Polarisation | Siehe Seite / See page / Voir page 8-13 |
| Mit oder ohne Kontakte / With or without Contacts / Avec ou sans contacts | "1" Ohne Kontakte / Without contacts / Sans contacts "- " Mit Kontakte / With contacts / Avec contacts |

| | | | | | | | | | | |
|---|-----|------|---|---|------|---|---|---|---|---|
| Bestellschlüssel nach Amphenol / How to order according to Amphenol / Système de référence Amphenol | GCB | 3106 | E | - | 32-6 | S | N | B | - | X |
| Baureihe / Series / Série | | | | | | | | | | |
| Gehäuseform / Shell style / Type de boîtier | | | | | | | | | | |
| Endgehäusotyp / Type of backshell / Type de raccord | | | | | | | | | | |
| Gliederungszeichen / Combination symbol / Séparation | | | | | | | | | | |
| Gehäusegröße-Polbild / Shell size-Contact insert / Taille de boîtier – Insert | | | | | | | | | | |
| Kontaktart / Contact type / Type de contact | | | | | | | | | | |
| Winkelstellung / Angular position / Polarisation | | | | | | | | | | |
| Steckverbinder mit Bajonett-Verschluss / Connector with bayonet coupling / Connecteur à baïonnette | | | | | | | | | | |
| Gliederungszeichen / Combination symbol / Séparation | | | | | | | | | | |
| Modifikation / Modification / Modification | | | | | | | | | | |

| Erläuterung zum Bestellschlüssel / How to order / Explication du système de référence | |
|---|--|
| Baureihe / Series / Série | GCB / GCA |
| Gehäuseform / Shell style / Style de boîtier | <p>3100 – Flanschsteckdose für Hinterwandmontage / Wall mount receptacle for rear panel mounting / Embase carrée pour montage arrière</p> <p>3101 – Kabelverlängerung / Cable connecting receptacle / Prolongateur</p> <p>3102 – Gerätesteckdose für Hinterwandmontage / Box mount receptacle for rear panel mounting / Embase sans possibilité de raccord pour montage arrière</p> <p>3106 – Gerader Stecker / Free connector straight / Mobile droite</p> <p>3107 – Steckdose für Einlochmontage / Receptacle for single hole mounting / Embase à fixation par écrou</p> <p>3108 – Stecker 90° abgewinkelt / Free connector angular type / Mobile coudée</p> |
| Endgehäusotyp / Type of backshell / Type de raccord | <p>E – Endgehäuse mit Kabelklemme und Kabeltülle / Backshell with cable clamp and bushing / Raccord avec brides et manchon</p> <p>F – Endgehäuse für Schutzschlauchanschluss / Backshell for conduit termination / Raccord pour conduit</p> <p>FG – Endgehäuse für Schutzschlauchanschluss mit 360°HF-Abdichtung durch Massefingerring / Backshell for conduit termination with grounding fingers / Raccord pour conduit avec bague de masse</p> <p>M – Endgehäuse für Schirmanbindung und Formschrumpfteile / Backshell for shielding braids and heat shrinkable endshells / Raccord pour raccordement de blindage et pour pièces thermorétractables</p> <p>N – Endgehäuse für Schirmanbindung durch Einzelkonus und für Formschrumpfteile / Backshell for shielding braids by pressing with a nut and heat shrinkable endshells / Raccord pour raccordement de blindage par simple cône et pour pièces thermorétractables</p> <p>PG – Endgehäuse mit PG-Gewinde, ohne Dichtkörper / Backshell with PG thread, without grommet / Raccord avec taraudage PG, sans grommet</p> <p>PM – Endgehäuse mit metrischem Gewinde, ohne Dichtkörper / Backshell with metrical thread, without grommet / Raccord avec taraudage métrique, sans grommet</p> <p>T – Endgehäuse für Formschrumpfteil / Backshell for heat shrinkable endshells / Raccord pour pièces thermorétractables</p> <p>TG – Endgehäuse für Formschrumpfteil mit 360° HF-Abdichtung durch Massefingerring / Backshell for heat shrinkable endshells with grounding fingers / Raccord pour pièces thermorétractables avec bague de masse</p> |
| Gehäusegröße / Shell size / Taille de boîtier | 10SL, 14S, 16S, 16, 18, 20, 22, 24, 28, 32, 36 |
| Polbild / Contact insert / Insert | Siehe Seite / See page / Voir page – 8-13, 33-50 |
| Kontaktart / Contact type / Type de contact | <p>P – Stift / Pin / Mâle</p> <p>S – Buchse / Socket / Femelle</p> |
| Winkelstellung / Angular position / Polarisation | Siehe Seite / See page / Voir page – 8-13, 33-50 |
| Modifikation / Modification / Modification | Siehe Seite / See page / Voir page – 7 |

Modifikation / Modification / Modification

Standard-VG95234-Stecker werden mit Oberfläche in olivgrün und mit versilberten Crimp-Kontakten geliefert. Werden Steckverbinder nach VG95234 modifiziert gewünscht, wie z. B. mit Lötkontakten oder mit anderer Gehäuse- oder Kontaktoberfläche, kann nur unter Amphenol-Bezeichnung GCB-B bestellt werden.

Standard connectors according to VG95234 are delivered with olive drab finish and silver plated crimp contacts. If VG95234 connectors with modification are required, for example with solder contacts or with other shell- or contact plating, you have to order only with Amphenol-Designation GCB-B.

Les connecteurs suivant la norme VG95234 sont livrés avec un traitement de surface vert olive et avec des contacts argentés à sertir.

Si vous désirez des connecteurs modifiés, comme par exemple avec des contacts à souder ou d'autres traitements de surface pour les boîtiers ou les contacts, vous devez utiliser la référence Amphenol GCB-B.

| Modifikation / Modification / Modification | CX | FX | TX |
|--|----|----|----|
| Kontakte / Contacts / Contacts C0 – Metrische Crimp-Kontakte versilbert (Standard bei GCB-B) / Metrical contacts silver plated (standard in GCB-B series) / Contacts métriques argentés à sertir (standard pour la GCB-B) C1 – Metrische Crimp-Kontakte vergoldet / Metrical crimp contacts gold plated / Contacts métriques dorés à sertir C2 – AWG-Crimp-Kontakte versilbert (Standard bei GCA-B) / AWG crimp contacts silver plated (standard in GCA-B series) / Contacts AWG argentés à sertir (standard pour la GCA-B) C3 – AWG-Crimp-Kontakte vergoldet / AWG crimp contacts gold plated / Contacts AWG dorés à sertir C4 – Löt-Kontakte versilbert / Solder contacts silver plated / Contacts argentés à souder C5 – Löt-Kontakte vergoldet / Solder contacts gold plated / Contacts dorés à souder C6 – Ohne Kontakte / Without contacts / Sans contacts | | | |
| Gehäuseoberfläche / Shell plating / Traitement de surface des boîtiers Ohne Modifikation - Olivgrün / Without modification – Olive drab finish / Sans modification – Vert olive F1 – Vernickelte Oberfläche / Nickel plating / Finition nickelée F2 – Schwarze Zink-Kobalt-Oberfläche (*) / Black zinc cobalt plating (*) / Finition zinc-cobalt noir (*) F3 – Grün-Zink-Kobalt (*) / Green zinc cobalt plating (*) / Finition zinc-cobalt vert (*) | | | |
| Gehäusespezifikationen / Shell specification / Spécification sur les boîtiers Ohne Modifikation – Alle Gehäusetypen außer : / Without modification – All shell types except : / Sans modification – Tous les types de boîtiers sauf : T1 – Steckdose für Vorderwandmontage / Receptacle for front panel mounting / Embase pour montage de l'avant T2 – Steckdose mit 4 Gewindebohrungen / Receptacle with 4 threaded holes / Embase avec 4 trous taraudés T42 – Ohne Endgehäuse / Without backshell / Sans raccord | | | |

(*) Nur auf Anfrage / (*) Sur demande uniquement / (*) On request

| Kontakt- einsatz / Contact insert / Insert | Anzahl der Kontakte / Number of contacts / Nombre de contacts | Kontaktgröße / Contact size / Taille de contact | | | | | | Kontakt- einsatz / Contact insert / Insert | Anzahl der Kontakte / Number of contacts / Nombre de contacts | Kontaktgröße / Contact size / Taille de contact | | | | | |
|--|--|--|----------|----------------|----------|----------|----------|--|--|--|----------|----------------|----------|----------|----------|
| | | 500 0 | 160 4 | 60 100 8 | 25 12 | 15 16 | 10 20 | | | 500 0 | 160 4 | 60 100 8 | 25 12 | 15 16 | 10 20 |
| 16-12 | 1 | | 1 | | | | | 36-3 | 6 | 3 | | | 3 | | |
| 20-2 | 1 | 1 | | | | | | 36-6 | 6 | 2 | 4 | | | | |
| 10SL-4 | 2 | | | | | 2 | | 16S-1 | 7 | | | | | 7 | |
| 16S-4 | 2 | | | | | 2 | | 18-9 | 7 | | | | 2 | 5 | |
| 16A11 | 2 | | | | 2 | | | 24-10 | 7 | | | 7 | | | |
| 24-9 | 2 | | 2 | | | | | 20A9 | 9 | | | | 9 | | |
| 10SL-3 | 3 | | | | | 3 | | 22-27 | 9 | | | 1 | | 8 | |
| 16-7 | 3 | | | 1 | | 2 | | 24-11 | 9 | | | 3 | 6 | | |
| 16-10 | 3 | | | | 3 | | | 32-3 | 9 | 1 | 2 | | 2 | 4 | |
| 22-2 | 3 | | | 3 | | | | 18-1 | 10 | | | | | 10 | |
| 18-13 | 4 | | | 1 | 3 | | | 28-20 | 14 | | | | 10 | 4 | |
| 22-22 | 4 | | | 4 | | | | 20A48 | 19 | | | | | 19 | |
| 22B22 | 4 | | | 4 | | | | 22-14 | 19 | | | | | 19 | |
| 36-5 | 4 | 4 | | | | | | 28-11 | 22 | | | | 4 | 18 | |
| 18-11 | 5 | | | | 5 | | | 32-6 | 23 | | 2 | 3 | 2 | 16 | |
| 22-12 | 5 | | | 2 | | 3 | | 24-28 | 24 | | | | | 24 | |
| 24-12 | 5 | | 2 | | 3 | | | 28A63 | 28 | | | | 9 | 19 | |
| 32-1 | 5 | 2 | | | 3 | | | 32-7 | 35 | | | | 7 | 28 | |
| 14S-6 | 6 | | | | | 6 | | 28-21 | 37 | | | | | 37 | |
| 20-8 | 6 | | | 2 | | 4 | | 36-10 | 48 | | | | | 48 | |
| 28-22 | 6 | | 3 | | | 3 | | 32A69 | 61 | | | | | 20 | 41 |

Winkelstellung / Angular position / Polarisation

Winkelstellung der Kontakteinsätze / Angular position of the contact inserts / Polarisation des inserts

Die Winkelstellungen W, X, Y und Z werden angewendet, wenn bei Steckverbindern gleicher Größe und gleicher Polzahl eine Unverwechselbarkeit gefordert wird.

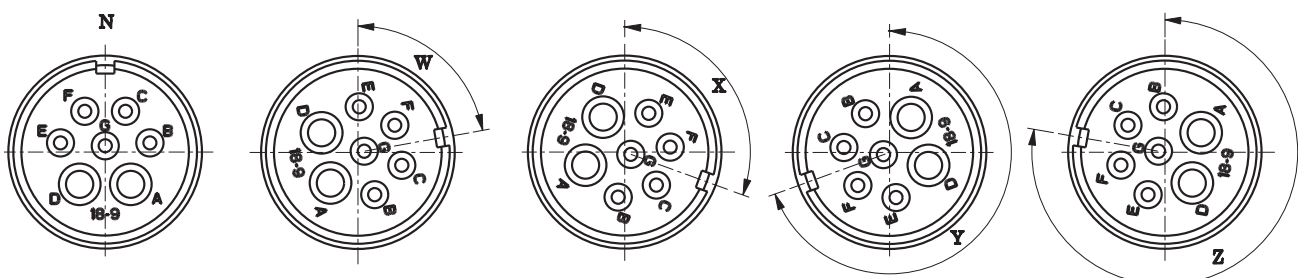
Die nachstehenden Bilder stellen die Ansicht auf die Vorderseite des Stifteinsatzes oder auf die Anschlussseite des Buchseneinsatzes dar.

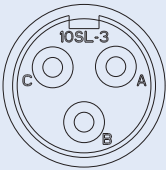
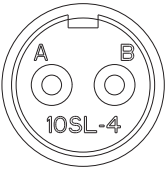
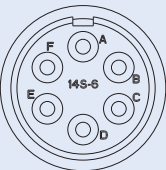
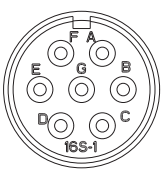
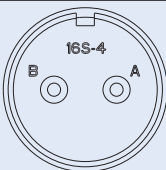
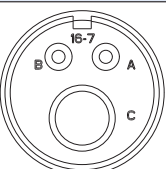
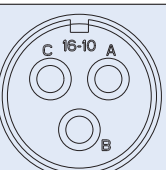
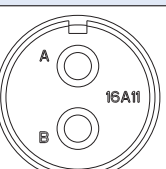
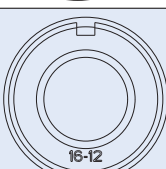
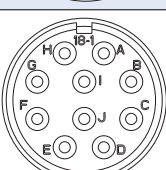
The angular positions W, X, Y and Z are used when polarisation is required for connectors of the same size and same number of poles.

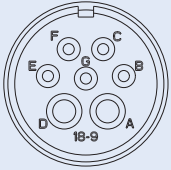
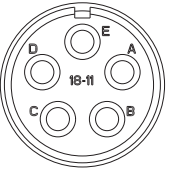
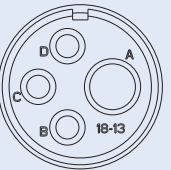
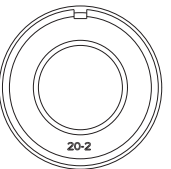
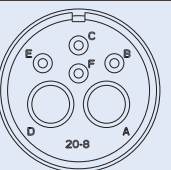
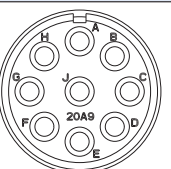
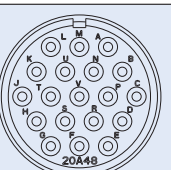
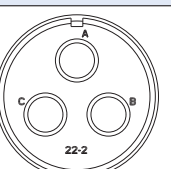
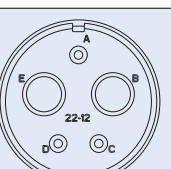
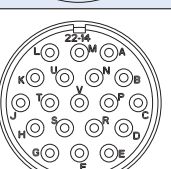
The following figures show the view on the front face of the pin insert or the termination face of the socket insert.

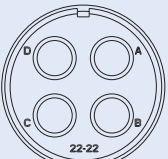
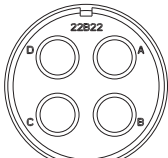
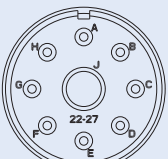
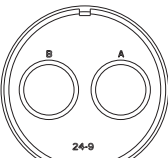
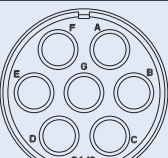
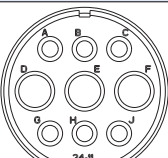
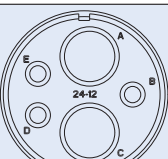
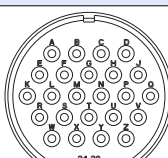
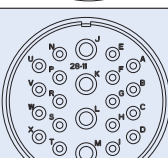
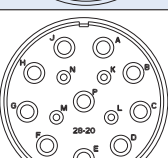
Les polarisations W, X, Y et Z sont utilisées pour différencier les connecteurs juxtaposés de même arrangement.

Les vues ci-dessous montrent la face avant d'un insert mâle ou la face arrière d'un insert femelle.

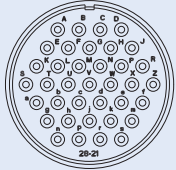
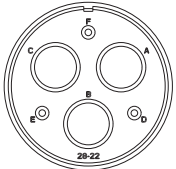
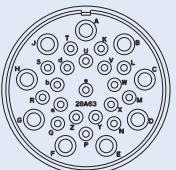
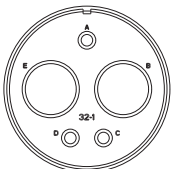
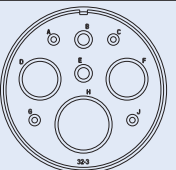
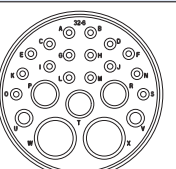
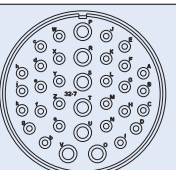
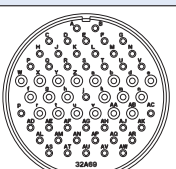
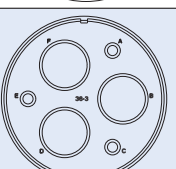
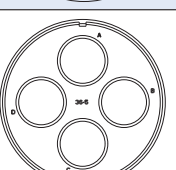


| Ansicht auf die Vorderseite des Stifteinsatzes/ Front face of pin insert illustrated/ Vue face avant de l'insert mâle | Polbild / Contact arrangement/ Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|---|---|---|-----------------------------|---|--|---|-----|-----|---|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 10SL-3 | 3 | 15S | 2 | 0 | - | - | - | - |
|  | 10SL-4 | 2 | 15S | 2 | 0 | - | - | - | - |
|  | 14S-6 | 6 | 15S | 1 | 0 | - | - | - | - |
|  | 16S-1 | 7 | 15S | 2 | 0 | - | - | - | - |
|  | 16S-4 | 2 | 15S | 3 | 0 | - | 110 | 250 | - |
|  | 16-7 | 2 | 15 | 2 | 0 | - | 110 | 250 | - |
| | | 1 | 100 | | | | | | |
|  | 16-10 | 3 | 25 | 2 | 0 | - | 180 | 270 | - |
|  | 16A11 | 2 für Stifteinsatz for pin insert pour insert mâle | 25A | 2 | 0 | - | 110 | 250 | - |
| | | 2 für Buchseneinsatz for socket insert pour insert femelle | 25 | | | | | | |
|  | 16-12 | 1 | 160 | 2 | 0 | - | - | - | - |
|  | 18-1 | 10 | 15 | B,C,F,G – 2 A,D,E,H,I,J – 1 | 0 | - | 145 | 215 | - |

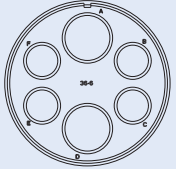
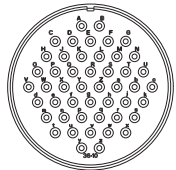
| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 18-9 | 5 | 15 | 1 | 0 | 80 | 110 | 250 | 280 |
| | | 2 | 25 | | | | | | |
|  | 18-11 | 5 | 25 | 2 | 0 | - | 170 | 265 | - |
|  | 18-13 | 3 | 25 | 2 | 0 | - | 110 | 250 | - |
| | | 1 | 60 | | | | | | |
|  | 20-2 | 1 | 500 | 3 | 0 | - | - | - | - |
|  | 20-8 | 4 | 15 | 1 | 0 | - | 110 | 250 | - |
| | | 2 | 100 | | | | | | |
|  | 20A9 | 9 | 25 | J-3 Alle anderen / All others / Autres -1 | 0 | - | 110 | 250 | - |
|  | 20A48 | 19 | 15 | 1 | 0 | - | 80 | 280 | - |
|  | 22-2 | 3 | AWG 8 | 3 | 0 | - | 145 | 215 | - |
|  | 22-12 | 3 | 15 | 3 | 0 | - | 110 | 250 | - |
| | | 2 | 100 | | | | | | |
|  | 22-14 | 19 | 15 | 2 | 0 | - | - | - | - |

| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des contacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|---|--------------------------------|-----------------------|--|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 22-22 | 4 | 100 | 2 | 0 | - | 110 | 250 | - |
|  | 22B22 | 4 | 60 | 2 | 0 | - | 110 | 250 | - |
|  | 22-27 | 8 | 15 | J – 3 Alle anderen / All others / Autres –2 | 0 | - | - | 250 | - |
| | | 1 | 60 | | | | | | |
|  | 24-9 | 2 | AWG 4 | 2 | 0 | 35 | 110 | 250 | 325 |
|  | 24-10 | 7 | 100 | 2 | 0 | - | - | - | - |
|  | 24-11 | 6 | AWG 12 (*) / Metr. 25 | 2 | 0 | - | 110 | 250 | - |
| | | 3 | AWG 8 (*) / Metr. 100 | | | | | | |
|  | 24-12 | 3 | AWG 12 | 2 | 0 | - | 110 | 250 | - |
| | | 2 | AWG 4 | | | | | | |
|  | 24-28 | 24 | 15 | 1 | 0 | - | 110 | 250 | - |
|  | 28-11 | 18 | 15 | 2 | 0 | 80 | 110 | 250 | 280 |
| | | 4 | 25 | | | | | | |
|  | 28-20 | 4 | 15 | 2 | 0 | - | 110 | 250 | - |
| | | 10 | 25 | | | | | | |

(*) Nicht für Neukonstruktionen / Not for new design / Pas pour nouveau développement

| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 28-21 | 37 | 15 | 2 | 0 | - | 110 | 250 | - |
|  | 28-22 | 3 | AWG 16 (*) / Metr. 15 | 3 | 0 | 70 | 145 | 215 | 290 |
| | | 3 | AWG 4 (*) / Metr. 160 | | | | | | |
|  | 28A63 | 19 | 15 | 1 | 0 | - | 100 | 260 | - |
| | | 9 | 25 | | | | | | |
|  | 32-1 | 3 | AWG 12 (*) / Metr. 25 | A - 4 | 0 | - | 110 | 250 | - |
| | | 2 | AWG 0 (*) / Metr. 500 | Alle anderen / All others / Autres - 3 | | | | | |
|  | 32-3 | 4 | AWG 16 | 3 | 0 | - | 110 | 250 | - |
| | | 2 | AWG 12 | | | | | | |
| | | 2 | AWG 4 | | | | | | |
| | | 1 | AWG 0 | | | | | | |
|  | 32-6 | 16 | AWG 16 (*) / Metr. 15 | 2 | 0 | - | 110 | 250 | - |
| | | 2 | AWG 12 (*) / Metr. 25 | | | | | | |
| | | 3 | AWG 8 (*) / Metr. 60 | | | | | | |
| | | 2 | AWG 4 (*) / Metr. 160 | | | | | | |
|  | 32-7 | 28 | 15 | 1 | 0 | - | 125 | 235 | - |
| | | 7 | 25 | | | | | | |
|  | 32A69 | 41 | 10 | 1 | 0 | - | 110 | 250 | - |
| | | 20 | 15 | | | | | | |
|  | 36-3 | 3 | AWG 12 (*) / Metr. 25 | 3 | 0 | 70 | 145 | 215 | 290 |
| | | 3 | AWG 0 (*) / Metr. 500 | | | | | | |
|  | 36-5 | 4 | AWG 0 (*) / Metr. 500 | 2 | 0 | - | 120 | 240 | - |

(*) Nicht für Neukonstruktionen / Not for new design / Pas pour nouveau développement

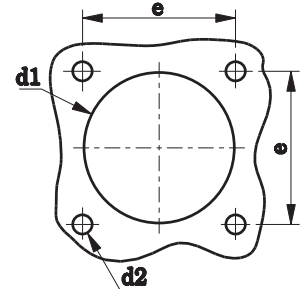
| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|---|--|---|-----|-----|---|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 36-6 | 4 | AWG 4 | 2 | 0 | - | 110 | 250 | - |
| | | 2 | AWG 0 | | | | | | |
|  | 36-10 | 48 | 15 | 2 | 0 | - | 125 | 235 | - |

Einbaumaße / Mounting dimensions / Cotes d'encombrement

Einbaulöcher für feste Steckverbinder Form A, B1, B2, J1, J2
N1, N2, S1, S2, U1 und U2.

Mounting inlets for fixed connectors style A, B1, B2, J1, J2,
N1, N2, S1, S2, U1 and U2.

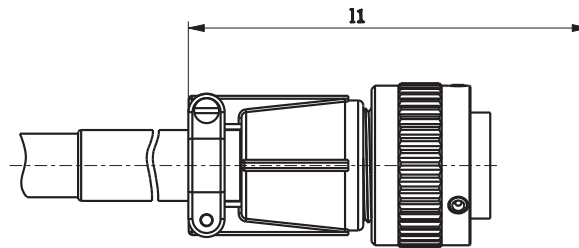
Découpe des panneaux pour montage des embases style A, B1,
B2, J1, J2, N1, N2, S1, S2, U1 et U2.



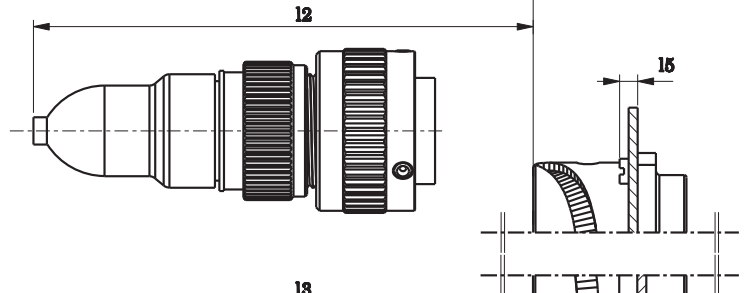
| Gehäusegröße / Shell size / Taille de boîtier | d ₁ | | d ₂ | | e ± 0,15 | Zu verwendende Schrauben nach ⁽¹⁾ / Applicable screws according to ⁽¹⁾ / Utilisation de vis suivant ⁽¹⁾ | |
|---|----------------------|---|---|---|-------------|--|--|
| | Form (Style) A | Form (Style) B1, B2, J1, J2 N1, N2, S1, S2 U1, U2 | Form (Style) A, B2, J2, N2, S2, U2 | Form (Style) B1, J1, N1 S1, U1 | | DIN 85 Form (Style) A, B2, J2, N2, S2, U2 | DIN 84 Form (Style) B1, J1, N1, S1, U1 |
| 10SL | 17,0 | 19,1 | 3,4 | 4,5 | 18,2 | M3 | M4 |
| 14S | 20,0 | 25,5 | 3,4 | 4,5 | 23,0 | M3 | M4 |
| 16S | 23,0 | 28,3 | 3,4 | 4,5 | 24,6 | M3 | M4 |
| 16 | 23,0 | 28,3 | 3,4 | 4,5 | 24,6 | M3 | M4 |
| 18 | 26,5 | 31,7 | 3,4 | 4,5 | 27,0 | M3 | M4 |
| 20 | 30,0 | 35,0 | 3,4 | 4,5 | 29,4 | M3 | M4 |
| 22 | 33,0 | 38,3 | 3,4 | 4,5 | 31,8 | M3 | M4 |
| 24 | 36,0 | 41,8 | 3,9 | 4,5 | 34,9 | M3,5 | M4 |
| 28 | 42,0 | 47,6 | 3,9 | 5,5 | 39,7 | M3,5 | M5 |
| 32 | 48,5 | 54,3 | 4,5 | 5,5 | 44,5 | M4 | M5 |
| 36 | 55,0 | 60,5 | 4,5 | 5,5 | 49,2 | M4 | M5 |

⁽¹⁾ Bei Verwendung von Sicherungselementen ist darauf zu achten, dass der Außendurchmesser derselben nicht größer als der Durchmesser des Schraubenkopfes ist /
For using safety elements care shall be taken that the external diameter of safety elements is not larger than the diameter of the screw head /
Lors de l'utilisation d'éléments de sécurité, il faut s'assurer que le diamètre extérieur n'est pas plus grand que le diamètre extérieur de la tête de vis.

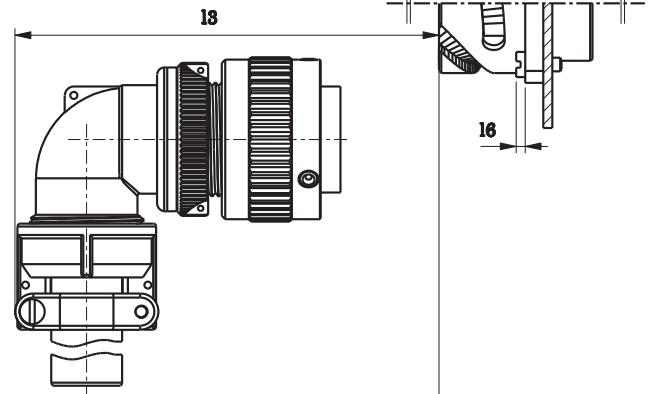
Steckerform / Connector type / Type de connecteur –
D



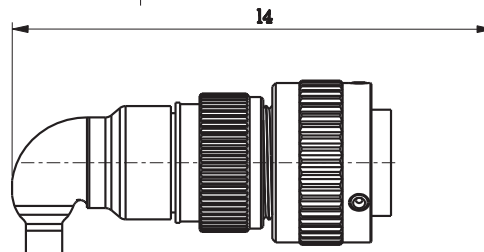
Steckerform / Connector type / Type de connecteur –
G, M, R1, T



Steckerform / Connector type / Type de connecteur –
E, E1, K

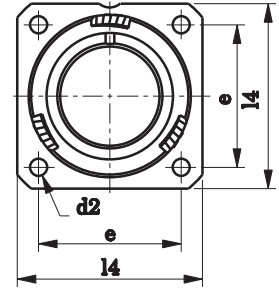
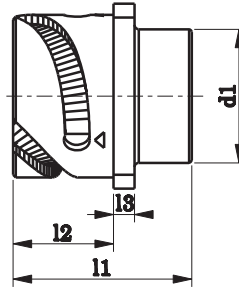


Steckerform / Connector type / Type de connecteur –
G, M, R1



| Gehäusegröße / Shell size / Taille de boîtier | l_1 min. | l_2 min. | l_3 min. | l_4 min. | l_5 max. | l_5 max. |
|---|---------------|---------------|---------------|---------------|---------------|---------------|
| 10SL | 70 | 70 | 70 | 65 | 8,0 | 3,5 |
| 14S | 70 | 75 | 75 | 70 | 8,0 | 3,5 |
| 16S | 70 | 90 | 80 | 80 | 8,0 | 3,5 |
| 16 | 80 | 100 | 90 | 90 | 8,0 | 3,5 |
| 18 | 90 | 100 | 90 | 90 | 8,0 | 3,5 |
| 20 | 90 | 100 | 95 | 100 | 8,0 | 3,5 |
| 22 | 90 | 100 | 95 | 100 | 8,0 | 3,5 |
| 24 | 110 | 120 | 105 | 110 | 8,0 | 5,0 |
| 28 | 110 | 120 | 105 | 110 | 9,0 | 5,0 |
| 32 | 110 | 180 | 115 | 120 | 9,0 | 6,0 |
| 36 | 110 | 190 | 120 | 130 | 9,0 | 6,0 |

| | | | |
|---|---|--|---|
| <p>VG95234 Form (Style) A GCB-B / GCA-B 3102 Seite (Page) 16</p> | <p>VG95234 Form (Style) B1 / B2 GCB-B / GCA-B 3102 Seite (Page) 16</p> | <p>VG95234 Form (Style) D GCB-B / GCA-B3106 E Seite (Page) 17</p> | <p>VG95234 Form (Style) E GCB-B / GCA-B 3108 E Seite (Page) 17</p> |
|  |  |  |  |
| <p>VG95234 Form (Style) F GCB-B / GCA-B 3101 E Seite (Page) 18</p> | <p>VG95234 Form (Style) G GCB-B / GCA-B 3106 T Seite (Page) 18</p> | <p>VG95234 Form (Style) H GCB-B / GCA-B 3106 F Seite (Page) 19</p> | <p>VG95234 Form (Style) J1 / J2 GCB-B / GCA-B 3100 E Seite (Page) 19</p> |
|  |  |  |  |
| <p>VG95234 Form (Style) K GCB-B / GCA-B 3108 FG Seite (Page) 20</p> | <p>VG95234 Form (Style) L GCB-B / GCA-B 3106 FG Seite (Page) 20</p> | <p>VG95234 Form (Style) M GCB-B / GCA-B 3106 M Seite (Page) 21</p> | <p>VG95234 Form (Style) N1 / N2 GCB-B / GCA-B 3100 M Seite (Page) 21</p> |
|  |  |  |  |
| <p>VG95234 Form (Style) R1 GCB-B / GCA-B 3106 N Seite (Page) 22</p> | <p>VG95234 Form (Style) S1 / S2 GCB-B / GCA-B 3100 N Seite (Page) 22</p> | <p>VG95234 Form (Style) T GCB-B / GCA-B 3106 TG Seite (Page) 23</p> | <p>VG95234 Form (Style) U1 / U2 GCB-B / GCA-B 3100 T Seite (Page) 23</p> |
|  |  |  |  |
| <p>GCB-B / GCA-B 3100 PG – PM Seite (Page) 28</p> | <p>GCB-B / GCA-B 3101 PG – PM Seite (Page) 28</p> | <p>GCB-B / GCA-B 3106 PG – PM Seite (Page) 29</p> | <p>GCB-B / GCA-B 3107 Seite (Page) 29</p> |
|  |  |  |  |



Fester Steckverbinder mit Montageflansch, für Vorderwandmontage.
Fixed connector with mounting flange for front panel mounting.
Embase à collerette carrée pour montage sur panneau de l'avant.

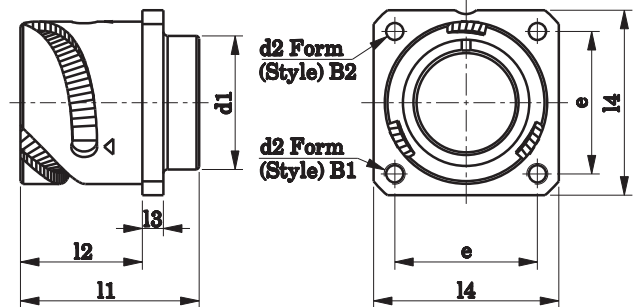
Beispiel / Example / Exemple

- VG95234A-18-1SN
- GCB3102-18-1SNB-T1
- GCA3102-18-1SNB-T1

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ H13 | e ±0,1 | l ₁ ±0,3 | l ₂ +0,4 | l ₃ ±0,2 | l ₄ ±0,3 | Masse / Mass g max. (1) |
|---|------------------------|-----------------------|-----------|------------------------|------------------------|------------------------|------------------------|-------------------------------|
| 10SL | 16,2 | 3,2 | 18,2 | 24,7 | 14,2 | 2,8 | 25,4 | 12 |
| 14S | 19,2 | 3,2 | 23,0 | 24,7 | 14,2 | 3,2 | 30,0 | 17 |
| 16S | 22,4 | 3,2 | 24,6 | 24,7 | 14,2 | 3,2 | 32,5 | 19 |
| 16 | 22,4 | 3,2 | 24,6 | 33,8 | 19,0 | 3,2 | 32,5 | 22 |
| 18 | 25,6 | 3,2 | 27,0 | 33,8 | 19,0 | 4,0 | 35,0 | 28 |
| 20 | 29,0 | 3,2 | 29,4 | 33,8 | 19,0 | 4,0 | 38,0 | 33 |
| 22 | 32,2 | 3,2 | 31,8 | 33,8 | 19,0 | 4,0 | 41,0 | 38 |
| 24 | 35,3 | 3,7 | 34,9 | 33,8 | 20,6 | 4,0 | 44,5 | 46 |
| 28 | 41,4 | 3,7 | 39,7 | 33,8 | 20,6 | 4,0 | 50,8 | 52 |
| 32 | 47,8 | 4,3 | 44,5 | 33,8 | 22,2 | 4,0 | 57,0 | 64 |
| 36 | 54,1 | 4,3 | 49,2 | 33,8 | 22,2 | 4,0 | 63,5 | 80 |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

VG95234 Form B1, B2 / VG95234 Style B1, B2



Fester Steckverbinder mit Montageflansch, für Hinterwandmontage.
Form B1 mit 4 Gewindebohrungen oder B2 mit 4 Durchgangslöchern.
Fixed connector with mounting flange for back panel mounting.
Style B1 with 4 threaded holes or style B2 with 4 entry holes.
Embase à collerette carrée pour montage sur panneau de l'arrière.
Style B1 avec 4 trous taraudés ou style B2 avec 4 trous non taraudés.

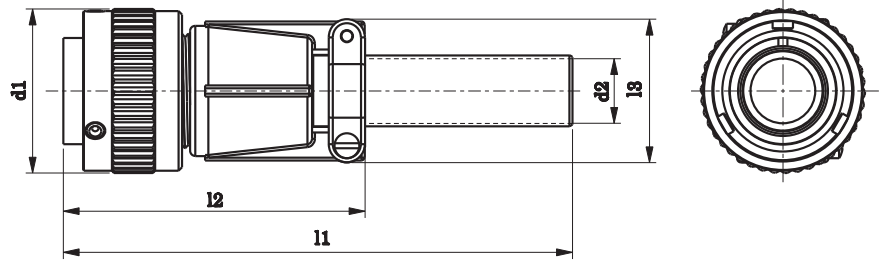
Beispiel / Example / Exemple

- VG95234B1-18-1SN
- GCB3102-18-1SNB-T2
- GCA3102-18-1SNB-T2

- VG95234B2-18-1SN
- GCB3102-18-1SNB
- GCA3102-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ | | e ±0,1 | l ₁ ±0,3 | l ₂ +0,4 | l ₃ ±0,2 | l ₄ ±0,3 | Masse / Mass g max. (1) |
|---|------------------------|--------------------------------|--|-----------|------------------------|------------------------|------------------------|------------------------|-------------------------------|
| | | Form (Style) B ₁ | Form (Style) B ₂ H 13 | | | | | | |
| 10SL | 16,2 | M 4 | 3,2 | 18,2 | 24,7 | 18,20 | 2,8 | 25,4 | 14 |
| 14S | 19,2 | M 4 | 3,2 | 23,0 | 24,7 | 18,20 | 3,2 | 30,0 | 21 |
| 16S | 22,4 | M 4 | 3,2 | 24,6 | 24,7 | 18,20 | 3,2 | 32,5 | 22 |
| 16 | 22,4 | M 4 | 3,2 | 24,6 | 33,8 | 23,05 | 3,2 | 32,5 | 27 |
| 18 | 25,6 | M 4 | 3,2 | 27,0 | 33,8 | 23,05 | 4,0 | 35,0 | 33 |
| 20 | 29,0 | M 4 | 3,2 | 29,4 | 33,8 | 23,05 | 4,0 | 38,0 | 37 |
| 22 | 32,2 | M 4 | 3,2 | 31,8 | 33,8 | 23,05 | 4,0 | 41,0 | 42 |
| 24 | 35,3 | M 4 | 3,7 | 34,9 | 33,8 | 23,05 | 4,0 | 44,5 | 48 |
| 28 | 41,4 | M 5 | 3,7 | 39,7 | 33,8 | 24,05 | 4,0 | 50,8 | 58 |
| 32 | 47,8 | M 5 | 4,3 | 44,5 | 33,8 | 24,05 | 4,0 | 57,0 | 72 |
| 36 | 54,1 | M 5 | 4,3 | 49,2 | 33,8 | 24,05 | 4,0 | 63,5 | 84 |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts



Freier Steckverbinder, gerade, Endgehäuse mit Klemme und Tülle.
Free connector, straight type, backshell with cable and bushing.
Mobile droite, raccord avec brides et manchon.

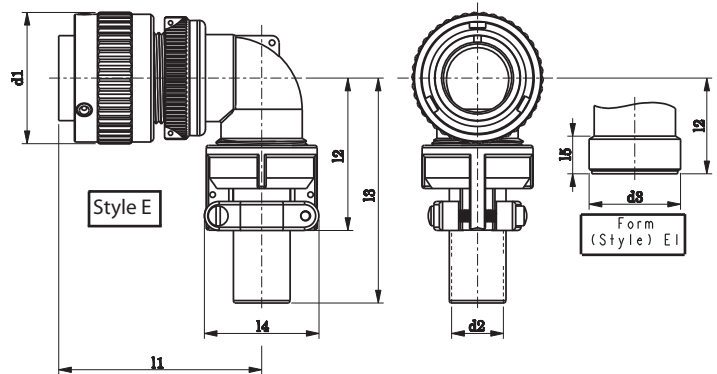
Beispiel / Example / Exemple
- VG95234D-18-1SN
- GCB3106E-18-1SNB
- GCA3106E-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ ⁽²⁾ max. | l ₁ max. | l ₂ max. | l ₃ max. | Masse / Mass / g max. ⁽¹⁾ |
|---|---------------------|------------------------------------|---------------------|---------------------|---------------------|--------------------------------------|
| 10SL | 22,8 | 6,5 | 115 | 58 | 22,7 | 30 |
| 14S | 29,2 | 9,0 | 115 | 60 | 27,5 | 44 |
| 16S | 32,0 | 11,0 | 115 | 60 | 30,0 | 54 |
| 16 | 32,0 | 11,0 | 120 | 70 | 30,0 | 62 |
| 18 | 36,5 | 14,2 | 120 | 75 | 33,0 | 70 |
| 20 | 39,9 | 15,8 | 120 | 75 | 37,5 | 85 |
| 22 | 43,1 | 15,8 | 120 | 75 | 37,5 | 92 |
| 24 | 46,6 | 21,4 | 120 | 90 | 43,3 | 127 |
| 28 | 53,4 | 21,4 | 120 | 90 | 48,0 | 154 |
| 32 | 60,1 | 26,7 | 120 | 90 | 55,0 | 199 |
| 36 | 66,3 | 31,7 | 130 | 100 | 58,0 | 260 |

⁽¹⁾ Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

⁽²⁾ Für max. zulässigen Kabeldurchmesser / For max. admissible cable diameter / Pour diamètre de câble max admissible

VG95234 Form E, E1 / VG95234 Style E, E1



Freier Steckverbinder 90° abgewinkelt.
Form E mit Kabelklemme und Tülle oder Form E1 für Schutzschlauchanschluss, ohne Kabelklemme.
Free connector, angular type.
Style E with cable clamp and bushing or style E1 for conduit termination, without cable clamp.
Mobile coudée 90°.
Style E avec brides et manchon ou style E1 pour raccordement de conduit, sans brides.

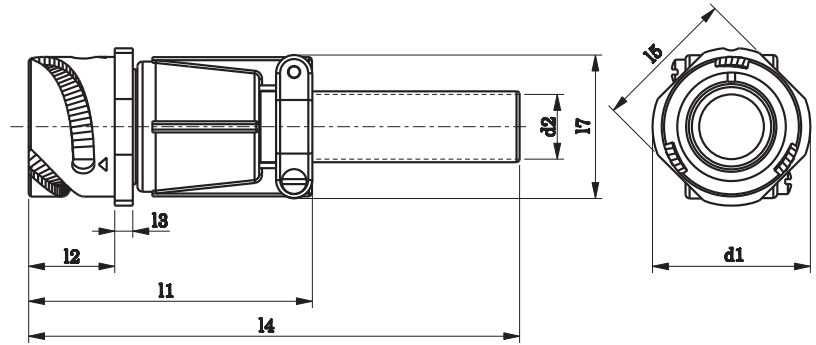
Beispiel / Example / Exemple
- VG95234E-18-1SN
- GCB3108E-18-1SNB
- GCA3108E-18-1SNB

- VG95234E1-18-1SN
- GCB3108F-18-1SNB
- GCA3108F-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ ⁽²⁾ max. | d ₃ Klasse 2A (Class 2A, Classe 2A) | l ₁ max. | l ₂ max. | | l ₃ max. | l ₄ max. | l ₅ min. | Masse / Mass / g max. ⁽¹⁾ | |
|---|---------------------|------------------------------------|--|---------------------|---------------------|----|---------------------|---------------------|---------------------|--------------------------------------|-----|
| | | | | | E | E1 | | | | E | E1 |
| 10SL | 22,8 | 6,5 | 5/8-24UNEF | 45 | 42 | 30 | 100 | 22,7 | 9,4 | 37 | 27 |
| 14S | 29,2 | 9,0 | 3/4-20UNEF | 47 | 42 | 30 | 100 | 27,5 | 9,4 | 58 | 43 |
| 16S | 32,0 | 11,0 | 7/8-20UNEF | 48 | 45 | 30 | 100 | 30,0 | 9,4 | 68 | 48 |
| 16 | 32,0 | 11,0 | 7/8-20UNEF | 57 | 45 | 35 | 100 | 30,0 | 9,4 | 78 | 58 |
| 18 | 36,5 | 14,2 | 1-20UNEF | 58 | 53 | 35 | 100 | 33,0 | 9,4 | 90 | 58 |
| 20 | 39,9 | 15,8 | 1 3/16-18UNEF | 61 | 53 | 35 | 100 | 37,5 | 9,4 | 109 | 74 |
| 22 | 43,1 | 15,8 | 1 3/16-18UNEF | 61 | 58 | 40 | 100 | 37,5 | 9,4 | 113 | 78 |
| 24 | 46,6 | 21,4 | 1 7/16-18UNEF | 66 | 58 | 40 | 100 | 43,3 | 9,4 | 159 | 104 |
| 28 | 53,4 | 21,4 | 1 7/16-18UNEF | 66 | 58 | 40 | 100 | 48,0 | 9,4 | 181 | 126 |
| 32 | 60,1 | 26,7 | 1 3/4-18UNS | 72 | 66 | 45 | 110 | 55,0 | 11,0 | 245 | 160 |
| 36 | 66,3 | 31,7 | 2-18UNS | 75 | 69 | 50 | 110 | 58,0 | 12,6 | 300 | 190 |

⁽¹⁾ Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

⁽²⁾ Für max. zulässigen Kabeldurchmesser / For max. admissible cable diameter / Pour diamètre de câble max admissible



Kabelverlängerung, gerade,
Endgehäuse mit Klemme und Tülle.
Inline receptacle, straight type,
backshell with cable clamp and bushing.
Prolongateur droit, raccord avec brides
et manchon.

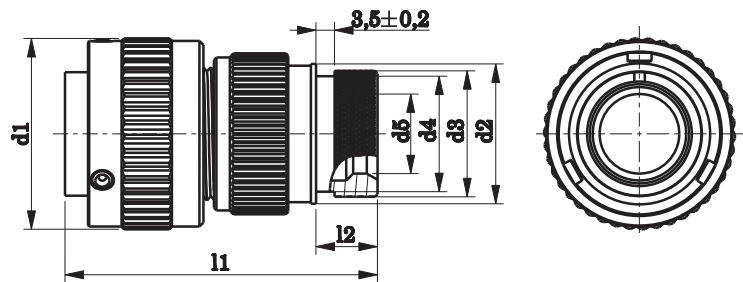
Beispiel / Example / Exemple
- VG95234F-18-1SN
- GCB3101E-18-1SNB
- GCA3101E-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ ⁽²⁾ max. | l ₁ max. | l ₂ +0,4 | l ₃ ±0,2 | l ₄ max. | l ₅ ±0,2 | l ₇ max. | Masse / Mass g max. (1) |
|---|------------------------|---------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------------|
| 10SL | 25,2 | 6,5 | 60 | 14,2 | 2,8 | 120 | 20,6 | 22,7 | 35 |
| 14S | 29,8 | 9,0 | 62 | 14,2 | 3,2 | 120 | 25,4 | 27,5 | 50 |
| 16S | 32,3 | 11,0 | 70 | 14,2 | 3,2 | 120 | 28,6 | 30,0 | 60 |
| 16 | 32,3 | 11,0 | 70 | 19,0 | 3,2 | 125 | 28,6 | 30,0 | 65 |
| 18 | 34,8 | 14,2 | 77 | 19,0 | 4,0 | 125 | 31,7 | 33,0 | 80 |
| 20 | 37,8 | 15,8 | 77 | 19,0 | 4,0 | 125 | 34,9 | 37,5 | 95 |
| 22 | 41,1 | 15,8 | 77 | 19,0 | 4,0 | 125 | 38,1 | 37,5 | 105 |
| 24 | 44,6 | 21,4 | 85 | 20,6 | 4,0 | 125 | 41,3 | 43,3 | 140 |
| 28 | 50,9 | 21,4 | 85 | 20,6 | 4,0 | 125 | 47,6 | 48,0 | 160 |
| 32 | 57,1 | 26,7 | 85 | 22,2 | 4,0 | 125 | 54,0 | 55,0 | 205 |
| 36 | 63,6 | 31,7 | 105 | 22,2 | 4,0 | 135 | 60,6 | 58,0 | 270 |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

(2) Für max. zulässigen Kabeldurchmesser / For max. admissible cable diameter / Pour diamètre de câble maxi admissible

VG95234 Form G / VG95234 Style G

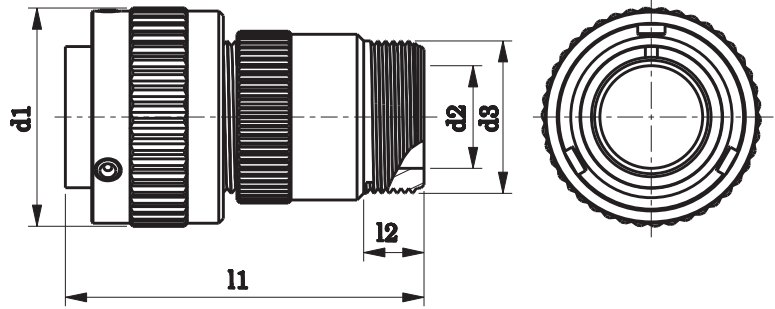


Freier Steckverbinder mit Endgehäuse
für Formschrumpfteile.
Free connector with backshell for heat
shrinkable endshells.
Mobile droite avec raccord pour pièces
thermorétractables.

Beispiel / Example / Exemple
- VG95234G-18-1SN
- GCB3106T-18-1SNB
- GCA3106T-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ ±0,2 | d ₃ ±0,2 | d ₄ max. | d ₅ min. | l ₁ max. | l ₂ ±0,5 | Masse / Mass g max. (1) |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------------|
| 10SL | 22,8 | 17,0 | 15,5 | 13,3 | 7,7 | 50 | 11,7 | 24 |
| 14S | 29,2 | 20,1 | 19,1 | 17,0 | 10,6 | 50 | 11,7 | 41 |
| 16S | 32,0 | 23,5 | 23,9 | 21,9 | 13,5 | 50 | 11,7 | 51 |
| 16 | 32,0 | 23,5 | 23,9 | 21,9 | 13,5 | 60 | 11,5 | 58 |
| 18 | 36,5 | 26,5 | 23,9 | 21,9 | 14,6 | 60 | 11,5 | 65 |
| 20 | 39,9 | 30,2 | 29,6 | 26,2 | 18,7 | 65 | 12,7 | 75 |
| 22 | 43,1 | 33,6 | 29,6 | 26,2 | 20,8 | 65 | 12,7 | 80 |
| 24 | 46,6 | 36,1 | 37,8 | 34,5 | 24,6 | 65 | 12,7 | 95 |
| 28 | 53,4 | 41,4 | 37,8 | 34,5 | 27,0 | 65 | 12,7 | 120 |
| 32 | 60,1 | 48,6 | 47,8 | 43,6 | 33,3 | 70 | 15,2 | 165 |
| 36 | 66,3 | 54,8 | 47,8 | 43,6 | 38,5 | 80 | 15,2 | 180 |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts



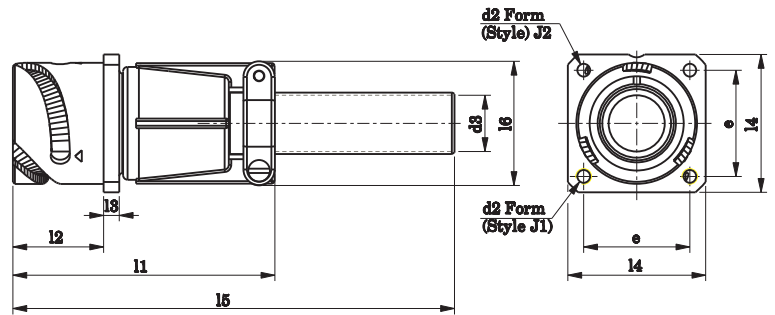
Freier Steckverbinder, gerade, Endgehäuse für Schutzschlauchanschluss.
Free connector, straight type, backshell for conduit termination.
Mobile droite, raccord pour conduit.

Beispiel / Example / Exemple
- VG95234H-18-1SN
- GCB3106F-18-1SNB
- GCA3106F-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ min. | d ₃ Klasse 2A (Class 2A, Classe 2A) | l ₁ max. | l ₂ min. | Masse / Mass g max. ⁽¹⁾ |
|---|---------------------|---------------------|--|---------------------|---------------------|------------------------------------|
| 10SL | 22,8 | 8,2 | 5/8-24UNEF | 50 | 9,5 | 21 |
| 14S | 29,2 | 11,1 | 3/4-20UNEF | 50 | 9,5 | 33 |
| 16S | 32,0 | 14,3 | 7/8-20UNEF | 50 | 9,5 | 42 |
| 16 | 32,0 | 14,3 | 7/8-20UNEF | 60 | 9,5 | 51 |
| 18 | 36,5 | 16,7 | 1-20UNEF | 60 | 9,5 | 59 |
| 20 | 39,9 | 19,8 | 1 3/16-18UNEF | 60 | 9,5 | 58 |
| 22 | 43,1 | 19,8 | 1 3/16-18UNEF | 60 | 9,5 | 62 |
| 24 | 46,6 | 25,4 | 1 7/16-18UNEF | 65 | 9,5 | 84 |
| 28 | 53,4 | 27,0 | 1 7/16-18UNEF | 65 | 9,5 | 100 |
| 32 | 60,1 | 32,5 | 1 3/4-18UNS | 65 | 11,0 | 116 |
| 36 | 66,3 | 35,7 | 2 -18UNS | 80 | 11,8 | 142 |

⁽¹⁾ Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

VG95234 Form J1, J2 / VG95234 Style J1, J2



Fester Steckverbinder mit Montageflansch, Klemme und Tülle. Form J1 mit 4 Gewindebohrungen oder Form J2 mit 4 Durchgangslöchern.
Fixed connector, with mounting flange, cable clamp and bushing.
Style J1 with 4 threaded holes or style J2 with 4 entry holes.
Embase à collerette carrée avec brides et manchon.
Style J1 avec 4 trous taraudés ou J2 avec 4 trous non taraudés.

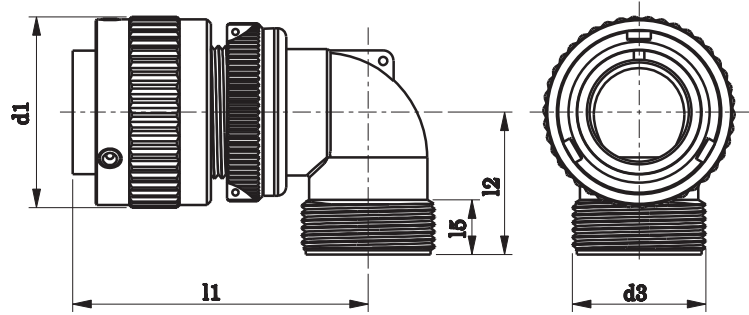
Beispiel / Example / Exemple
- VG95234J1-18-1SN
- GCB3100E-18-1SNB-T2
- GCA3100E-18-1SNB-T2

- VG95234J2-18-1SN
- GCB3100E-18-1SNB
- GCA3100E-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₂ | | d ₃ max. | e ±0,1 | l ₁ max. | l ₂ +0,4 | l ₃ ±0,2 | l ₄ ±0,3 | l ₅ max. | l ₆ max. | Masse / Mass g max. ⁽¹⁾ |
|---|-----------------|---------------------|---------------------|--------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------------------------|
| | Form (Style) J1 | Form (Style) J2 H13 | | | | | | | | | |
| 10SL | M4 | 3,2 | 6,5 | 18,2 | 60 | 18,2 | 2,8 | 25,4 | 120 | 22,7 | 35 |
| 14S | M4 | 3,2 | 9,0 | 23,0 | 62 | 18,2 | 3,2 | 30,0 | 120 | 27,5 | 50 |
| 16S | M4 | 3,2 | 11,0 | 24,6 | 70 | 18,2 | 3,2 | 32,5 | 120 | 30,0 | 60 |
| 16 | M4 | 3,2 | 11,0 | 24,6 | 70 | 23,05 | 3,2 | 32,5 | 125 | 30,0 | 65 |
| 18 | M4 | 3,2 | 14,2 | 27,0 | 77 | 23,05 | 4,0 | 35,0 | 125 | 33,0 | 80 |
| 20 | M4 | 3,2 | 15,8 | 29,4 | 77 | 23,05 | 4,0 | 38,0 | 125 | 37,5 | 95 |
| 22 | M4 | 3,2 | 15,8 | 31,8 | 77 | 23,05 | 4,0 | 41,0 | 125 | 37,5 | 105 |
| 24 | M4 | 3,7 | 21,4 | 34,9 | 85 | 23,05 | 4,0 | 44,5 | 125 | 43,3 | 140 |
| 28 | M5 | 3,7 | 21,4 | 39,7 | 85 | 24,05 | 4,0 | 50,8 | 125 | 48,0 | 160 |
| 32 | M5 | 4,3 | 26,7 | 44,5 | 85 | 24,05 | 4,0 | 57,0 | 125 | 55,0 | 205 |
| 36 | M5 | 4,3 | 31,7 | 49,2 | 105 | 24,05 | 4,0 | 63,5 | 135 | 58,0 | 270 |

⁽¹⁾ Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

⁽²⁾ Für max. zulässigen Kabeldurchmesser / For max. admissible cable diameter / Pour diamètre de câble max admissible



Freier Steckverbinder, 90° abgewinkelt, mit 360° HF-Abdichtung durch Massefingerring und Endgehäuse für Schutzschlauchanschluss.
Free connector, angular type with grounding fingers and backshell for conduit termination.
Mobile coudée 90° avec bague de masse et raccord pour conduit.

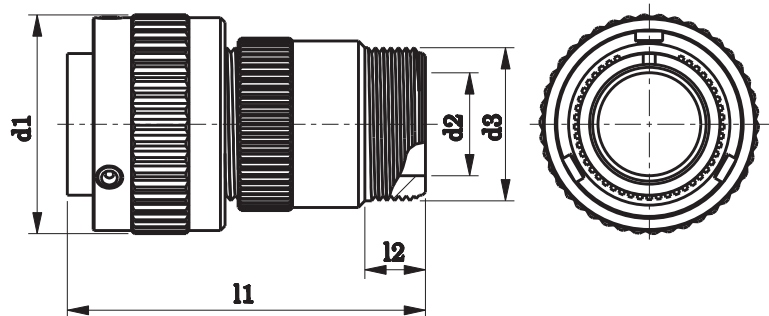
Beispiel / Example / Exemple

- VG95234K-18-1SN
- GCB3108FG-18-1SNB
- GCA3108FG-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₃ Klasse 2A (Class 2A, Classe 2A) | l ₁ max. | l ₂ max. | l ₅ min. | Masse / Mass / g max. ⁽¹⁾ |
|---|---------------------|--|---------------------|---------------------|---------------------|--------------------------------------|
| 10SL | 22,8 | 5/8-24UNEF | 45 | 30 | 9,4 | 27 |
| 14S | 29,2 | 3/4-20UNEF | 47 | 30 | 9,4 | 43 |
| 16S | 32,0 | 7/8-20UNEF | 48 | 30 | 9,4 | 48 |
| 16 | 32,0 | 7/8-20UNEF | 57 | 35 | 9,4 | 58 |
| 18 | 36,5 | 1-20UNEF | 58 | 35 | 9,4 | 58 |
| 20 | 39,9 | 1 3/16-18UNEF | 61 | 35 | 9,4 | 74 |
| 22 | 43,1 | 1 3/16-18UNEF | 61 | 40 | 9,4 | 78 |
| 24 | 46,6 | 1 7/16-18UNEF | 66 | 40 | 9,4 | 104 |
| 28 | 53,4 | 1 7/16-18UNEF | 66 | 40 | 9,4 | 126 |
| 32 | 60,1 | 1 3/4-18UNS | 72 | 45 | 11,0 | 160 |
| 36 | 66,3 | 2-18UNS | 75 | 50 | 12,6 | 190 |

⁽¹⁾ Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

VG95234 Form L / VG95234 Style L



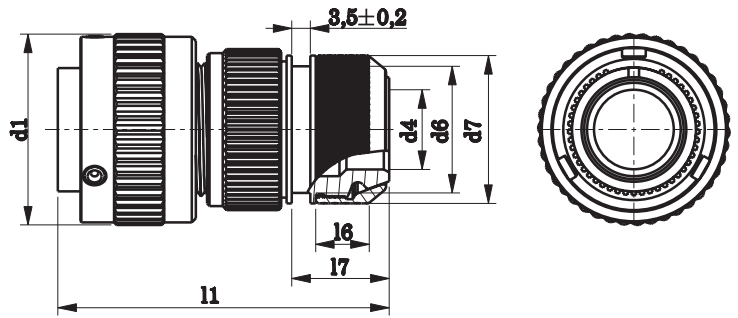
Freier Steckverbinder, gerade, mit 360° HF-Abdichtung durch Massefingerring und Endgehäuse für Schutzschlauchanschluss.
Free connector, straight type with grounding fingers and backshell for conduit termination.
Mobile droite avec bague de masse et raccord pour conduit.

Beispiel / Example / Exemple

- VG95234L-18-1SN
- GCB3106FG-18-1SNB
- GCA3106FG-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ min. | d ₃ Klasse 2A (Class 2A, Classe 2A) | l ₁ max. | l ₂ min. | Masse / Mass / g max. ⁽¹⁾ |
|---|---------------------|---------------------|--|---------------------|---------------------|--------------------------------------|
| 10SL | 22,8 | 8,2 | 5/8-24UNEF | 50 | 9,5 | 21 |
| 14S | 29,2 | 11,1 | 3/4-20UNEF | 50 | 9,5 | 33 |
| 16S | 32,0 | 14,3 | 7/8-20UNEF | 50 | 9,5 | 42 |
| 16 | 32,0 | 14,3 | 7/8-20UNEF | 60 | 9,5 | 51 |
| 18 | 36,5 | 16,7 | 1-20UNEF | 60 | 9,5 | 59 |
| 20 | 39,9 | 19,8 | 1 3/16-18UNEF | 60 | 9,5 | 58 |
| 22 | 43,1 | 19,8 | 1 3/16-18UNEF | 60 | 9,5 | 62 |
| 24 | 46,6 | 25,4 | 1 7/16-18UNEF | 65 | 9,5 | 84 |
| 28 | 53,4 | 27,0 | 1 7/16-18UNEF | 65 | 9,5 | 100 |
| 32 | 60,1 | 32,5 | 1 3/4-18UNS | 65 | 11,0 | 116 |
| 36 | 66,3 | 35,7 | 2-18UNS | 80 | 11,8 | 142 |

⁽¹⁾ Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts



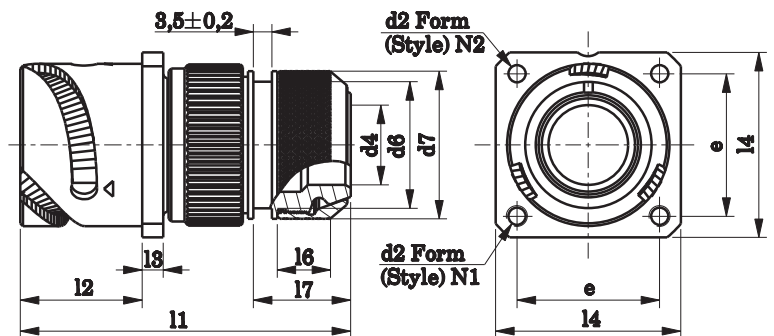
Freier Steckverbinder, gerade, mit 360° HF-Abdichtung durch Massefingerring und Endgehäuse für Schirmanbindung und für Formschrumpfteile.
 Free connector, straight type with grounding fingers and backshell for shielding and heat shrinkable endshells.
 Mobile droite avec bague de masse et raccord pour blindage et pour pièces thermorétractables.

- Beispiel / Example / Exemple
 - VG95234M-18-1SN
 - GCB3106M-18-1SNB
 - GCA3106M-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₄ min. | d ₆ max. | d ₇ ±0,5 | l ₁ max. | l ₆ + 2 | l ₇ + 1 | Masse / Mass / g max. ⁽¹⁾ |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------------------------|
| 10SL | 22,8 | 8,6 | 16,3 | 18,5 | 55 | 7 | 17 | 40 |
| 14S | 29,2 | 10,6 | 20,0 | 22,0 | 57 | 7 | 17 | 45 |
| 16S | 32,0 | 13,5 | 23,0 | 25,0 | 60 | 8 | 18 | 55 |
| 16 | 32,0 | 13,5 | 23,0 | 25,0 | 70 | 8 | 18 | 65 |
| 18 | 36,5 | 14,6 | 24,5 | 28,0 | 70 | 10 | 18 | 75 |
| 20 | 39,9 | 18,5 | 28,5 | 32,0 | 70 | 10 | 18 | 85 |
| 22 | 43,1 | 20,8 | 30,5 | 34,0 | 70 | 10 | 18 | 100 |
| 24 | 46,6 | 24,6 | 34,5 | 38,0 | 70 | 10 | 18 | 115 |
| 28 | 53,4 | 27,0 | 37,5 | 41,0 | 70 | 10 | 18 | 130 |
| 32 | 60,1 | 33,3 | 44,0 | 48,0 | 70 | 10 | 18 | 170 |
| 36 | 66,3 | 38,5 | 51,0 | 55,0 | 80 | 10 | 18 | 190 |

⁽¹⁾ Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

VG95234 Form N1, N2 / VG95234 Style N1, N2



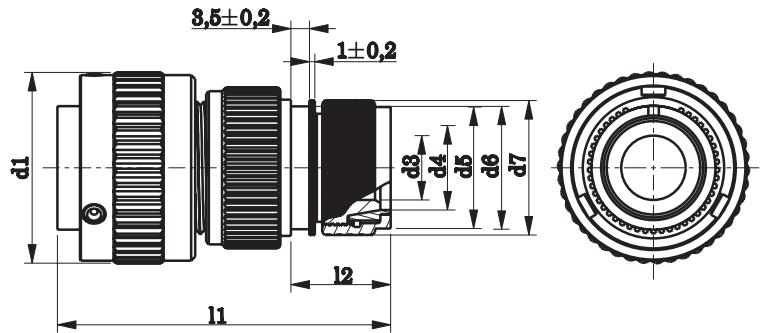
Fester Steckverbinder mit Endgehäuse für den Klemmanschluss von Schirmgeflechten und für Formschrumpfteile.
 Form N1 mit 4 Gewindebohrungen oder N2 mit 4 Durchgangslöchern.
 Fixed connector with mounting flange and backshell for mounting of shielding braids by pressing with a nut and for heat shrinkable endshells.
 Style N1 with 4 threaded holes or style N2 with 4 entry holes.
 Embase à collerette carrée avec raccord pour blindage et pour pièces thermorétractables. Style N1 avec 4 trous taraudés ou N2 avec 4 trous non taraudés.

- Beispiel / Example / Exemple
 - VG95234N1-18-1SN
 - GCB3100M-18-1SNB-T2
 - GCA3100M-18-1SNB-T2

- VG95234N2-18-1SN
 - GCB3100M-18-1SNB
 - GCA3100M-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₂ | | d ₄ min. | d ₆ max. | d ₇ ±0,5 | e ±0,1 | l ₁ max. | l ₂ +0,4 | l ₃ ±0,2 | l ₄ ±0,3 | l ₆ +2 | l ₇ +1 | Masse / Mass / g max. ⁽¹⁾ |
|---|-----------------|---------------------|---------------------|---------------------|---------------------|--------|---------------------|---------------------|---------------------|---------------------|-------------------|-------------------|--------------------------------------|
| | Form (Style) N1 | Form (Style) N2 H13 | | | | | | | | | | | |
| 10SL | M4 | 3,2 | 8,6 | 16,3 | 18,5 | 18,2 | 55 | 18,2 | 2,8 | 25,4 | 7 | 17 | 45 |
| 14S | M4 | 3,2 | 10,6 | 20,0 | 22,0 | 23,0 | 58 | 18,2 | 3,2 | 30,0 | 7 | 17 | 55 |
| 16S | M4 | 3,2 | 13,5 | 23,0 | 25,0 | 24,6 | 70 | 18,2 | 3,2 | 32,5 | 8 | 18 | 65 |
| 16 | M4 | 3,2 | 13,5 | 23,0 | 25,0 | 24,6 | 70 | 23,05 | 3,2 | 32,5 | 8 | 18 | 75 |
| 18 | M4 | 3,2 | 14,6 | 24,5 | 28,0 | 27,0 | 70 | 23,05 | 4,0 | 35,0 | 10 | 18 | 85 |
| 20 | M4 | 3,2 | 18,5 | 28,5 | 32,0 | 29,4 | 70 | 23,05 | 4,0 | 38,0 | 10 | 18 | 95 |
| 22 | M4 | 3,2 | 20,8 | 30,5 | 34,0 | 31,8 | 70 | 23,05 | 4,0 | 41,0 | 10 | 18 | 105 |
| 24 | M4 | 3,7 | 24,6 | 34,5 | 38,0 | 34,9 | 70 | 23,05 | 4,0 | 44,5 | 10 | 18 | 120 |
| 28 | M5 | 3,7 | 27,0 | 37,5 | 41,0 | 39,7 | 70 | 24,05 | 4,0 | 50,8 | 10 | 18 | 150 |
| 32 | M5 | 4,3 | 33,3 | 44,0 | 48,0 | 44,5 | 75 | 24,05 | 4,0 | 57,0 | 10 | 18 | 190 |
| 36 | M5 | 4,3 | 38,5 | 51,0 | 55,0 | 49,2 | 85 | 24,05 | 4,0 | 63,5 | 10 | 18 | 220 |

⁽¹⁾ Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts



Freier Steckverbinder, gerade, mit 360° HF-Abdichtung durch Massefingerring und Endgehäuse für Schirmanbindung und für Formschrumpfteile.

Free connector, straight type with grounding fingers and backshell for shielding and heat shrinkable endshells.

Mobile droite avec bague de masse et raccord pour blindage et pour pièces thermorétractables.

Beispiel / Example / Exemple

- VG95234R1-18-1SN

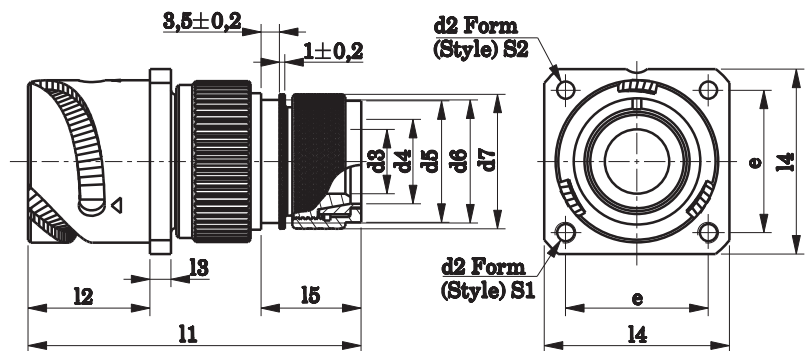
- GCB3106N-18-1SNB

- GCA3106N-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₃ +0,2 | d ₄ +0,4 | d ₅ | d ₆ ±0,3 | d ₇ ±0,3 | l ₁ max. | l ₂ max. | Masse / Mass / g max. (1) |
|---|---------------------|---------------------|---------------------|----------------|---------------------|---------------------|---------------------|---------------------|---------------------------|
| 14S | 29,2 | 10,0 | 14,0 | M20x1 | 21,0 | 23,5 | 57 | 21,0 | 50 |
| 16S | 32,0 | 10,0 | 14,0 | M20x1 | 21,0 | 23,5 | 57 | 21,0 | 60 |
| 18 | 36,5 | 12,2 | 16,0 | M22x1 | 23,0 | 25,5 | 66 | 21,0 | 80 |
| 20 | 39,9 | 13,4 | 18,0 | M27x1 | 26,6 | 30,5 | 68 | 21,0 | 90 |
| 28 | 53,4 | 19,0 | 26,5 | M35x1 | 37,5 | 41,5 | 75 | 26,0 | 135 |
| 32 | 60,1 | 21,0 | 26,5 | M35x1 | 37,5 | 41,5 | 79 | 26,0 | 175 |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

VG95234 Form S1, S2 / VG95234 Style S1, S2



Fester Steckverbinder mit Endgehäuse für den Klemmanschluss von Schirmgeflechtem und für Formschrumpfteile.

Form S1 mit 4 Gewindebohrungen oder S2 mit 4 Durchgangslochern. Fixed connector with mounting flange and backshell for mounting of shielding braids by pressing with a nut and for heat shrinkable endshells.

Style S1 with 4 threaded holes or style S2 with 4 entry holes.

Embase à collerette carrée avec raccord pour blindage et pour pièces thermorétractables. Style S1 avec 4 trous taraudés ou S2 avec 4 trous non taraudés.

Beispiel / Example / Exemple

- VG95234S1-18-1SN

- GCB3100N-18-1SNB-T2

- GCA3100N-18-1SNB-T2

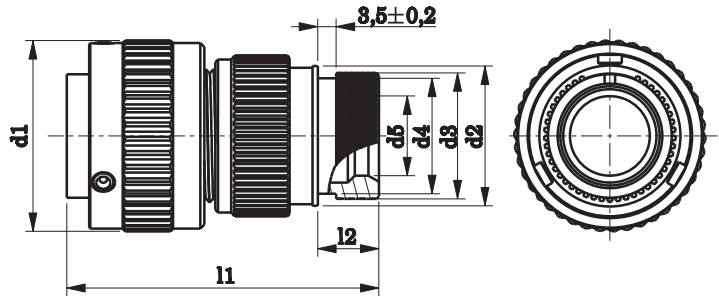
- VG95234S2-18-1SN

- GCB3100N-18-1SNB

- GCA3100N-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₂ | | d ₃ ±0,2 | d ₄ +0,4 | d ₅ | d ₆ ±0,3 | d ₇ ±0,3 | e ±0,1 | l ₁ max. | l ₂ ±0,4 | l ₃ ±0,2 | l ₄ ±0,3 | l ₅ max. | Masse / Mass / g max. (1) |
|---|-----------------|---------------------|---------------------|---------------------|----------------|---------------------|---------------------|--------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------------|
| | Form (Style) S1 | Form (Style) S2 H13 | | | | | | | | | | | | |
| 14S | M4 | 3,2 | 10,0 | 14,0 | M20x1 | 21,0 | 23,5 | 23,0 | 61,0 | 18,2 | 3,2 | 30,0 | 21,0 | 60 |
| 16S | M4 | 3,2 | 10,0 | 14,0 | M20x1 | 21,0 | 23,5 | 24,6 | 61,0 | 18,2 | 3,2 | 32,6 | 21,0 | 70 |
| 18 | M4 | 3,2 | 12,2 | 16,0 | M22x1 | 23,0 | 25,5 | 27,0 | 70,0 | 23,05 | 4,0 | 35,0 | 21,0 | 80 |
| 20 | M4 | 3,2 | 13,4 | 18,0 | M27x1 | 26,6 | 30,5 | 29,4 | 72,0 | 23,05 | 4,0 | 38,0 | 21,0 | 90 |
| 28 | M5 | 3,7 | 19,0 | 26,5 | M35x1 | 37,5 | 41,5 | 39,7 | 78,0 | 24,05 | 4,0 | 50,8 | 26,0 | 155 |
| 32 | M5 | 4,3 | 21,0 | 26,5 | M35x1 | 37,5 | 41,5 | 44,5 | 81,0 | 24,05 | 4,0 | 57,0 | 26,0 | 195 |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts



Freier Steckverbinder, gerade, mit 360° HF-Abdichtung durch Massefingerring und Endgehäuse für Formschrumpfteile.
Free connector, straight type with grounding fingers and backshell for heat shrinkable endshells.
Mobile droite avec bague de masse et raccord pour pièces thermorétractables.

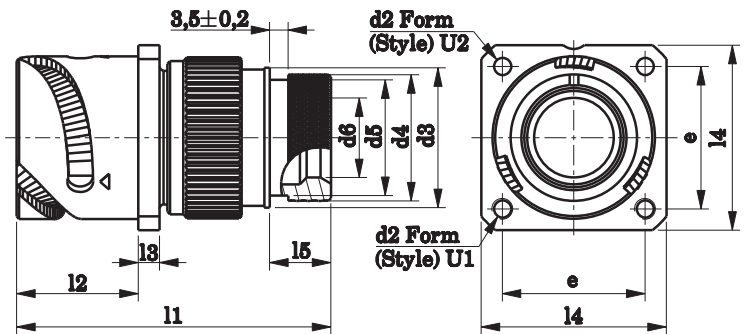
Beispiel / Example / Exemple

- VG95234T-18-1SN
- GCB3106TG-18-1SNB
- GCA3106TG-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ ±0,2 | d ₃ ±0,2 | d ₄ max. | d ₅ min. | l ₁ max. | l ₂ ±0,5 | Masse / Mass / g max. (1) |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------------|
| 10SL | 22,8 | 17,0 | 15,5 | 13,3 | 7,7 | 50 | 11,7 | 26 |
| 14S | 29,2 | 20,1 | 19,1 | 17,0 | 10,6 | 50 | 11,7 | 43 |
| 16S | 32,0 | 23,5 | 23,9 | 21,9 | 13,5 | 50 | 11,7 | 53 |
| 16 | 32,0 | 23,5 | 23,9 | 21,9 | 13,5 | 60 | 11,5 | 60 |
| 18 | 36,5 | 26,5 | 23,9 | 21,9 | 14,6 | 60 | 11,5 | 67 |
| 20 | 39,9 | 30,2 | 29,6 | 26,2 | 18,7 | 65 | 12,7 | 77 |
| 22 | 43,1 | 33,6 | 29,6 | 26,2 | 20,8 | 65 | 12,7 | 82 |
| 24 | 46,6 | 36,1 | 37,8 | 34,5 | 24,6 | 65 | 12,7 | 97 |
| 28 | 53,4 | 41,4 | 37,8 | 34,5 | 27,0 | 65 | 12,7 | 122 |
| 32 | 60,1 | 48,6 | 47,8 | 43,6 | 33,3 | 70 | 15,2 | 167 |
| 36 | 66,3 | 54,8 | 47,8 | 43,6 | 38,5 | 80 | 15,2 | 182 |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

VG95234 Form U1, U2 / VG95234 Style U1, U2



Fester Steckverbinder mit Montageflansch und mit Endgehäuse für Formschrumpfteile. Form U1 mit 4 Gewindebohrungen oder Form U2 mit 4 Durchgangslöchern.
Fixed connector with mounting flange and backshell for heat shrinkable endshells. Style U1 with 4 threaded holes or style U2 with 4 entry holes.
Embase à collerette carrée avec raccord pour pièces thermorétractables. Style U1 avec 4 trous taraudés ou U2 avec 4 trous non taraudés.

Beispiel / Example / Exemple

- VG95234U1-18-1SN
- GCB3100T-18-1SNB-T2
- GCA3100T-18-1SNB-T2
- VG95234U2-18-1SN
- GCB3100T-18-1SNB
- GCA3100T-18-1SNB

| Gehäusegröße / Shell size / Taille de boîtier | d ₂ | | d ₃ ±0,2 | d ₄ ±0,2 | d ₅ max. | d ₆ min. | e ±0,1 | l ₁ max. | l ₂ +0,4 | l ₃ ±0,2 | l ₄ ±0,3 | l ₅ ±0,5 | Masse / Mass / g max. (1) |
|---|-----------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------------|
| | Form (Style) U1 | Form (Style) U2 H13 | | | | | | | | | | | |
| 10SL | M4 | 3,2 | 17,0 | 15,5 | 13,3 | 7,7 | 18,2 | 55 | 18,2 | 2,8 | 25,4 | 11,7 | 43 |
| 14S | M4 | 3,2 | 20,1 | 19,1 | 17,0 | 10,6 | 23,0 | 70 | 18,2 | 3,2 | 30,0 | 11,7 | 53 |
| 16S | M4 | 3,2 | 23,5 | 23,9 | 21,9 | 13,5 | 24,6 | 70 | 18,2 | 3,2 | 32,5 | 11,7 | 63 |
| 16 | M4 | 3,2 | 23,5 | 23,9 | 21,9 | 13,5 | 24,6 | 70 | 23,05 | 3,2 | 32,5 | 11,5 | 73 |
| 18 | M4 | 3,2 | 26,5 | 23,9 | 21,9 | 14,6 | 27,0 | 70 | 23,05 | 4,0 | 35,0 | 11,5 | 83 |
| 20 | M4 | 3,2 | 30,2 | 29,6 | 26,2 | 18,7 | 29,4 | 70 | 23,05 | 4,0 | 38,0 | 12,7 | 93 |
| 22 | M4 | 3,2 | 33,6 | 29,6 | 26,2 | 20,8 | 31,8 | 70 | 23,05 | 4,0 | 41,0 | 12,7 | 103 |
| 24 | M4 | 3,7 | 36,1 | 37,8 | 34,5 | 24,6 | 34,9 | 70 | 23,05 | 4,0 | 44,5 | 12,7 | 118 |
| 28 | M5 | 3,7 | 41,4 | 37,8 | 34,5 | 27,0 | 39,7 | 70 | 24,05 | 4,0 | 50,8 | 12,7 | 148 |
| 32 | M5 | 4,3 | 48,6 | 47,8 | 43,6 | 33,3 | 44,5 | 75 | 24,05 | 4,0 | 57,0 | 15,2 | 188 |
| 36 | M5 | 4,3 | 54,8 | 47,8 | 43,6 | 38,5 | 49,2 | 85 | 24,05 | 4,0 | 63,5 | 15,2 | 218 |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts



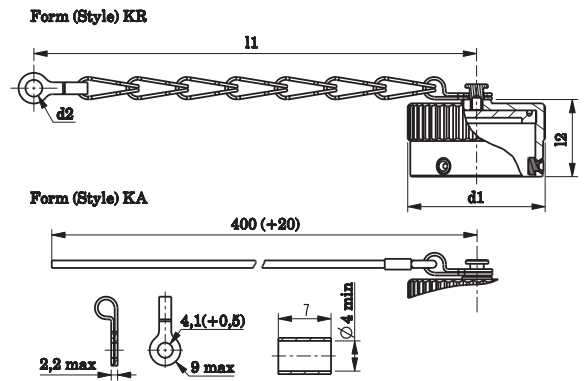
Schutzkappe für Steckdose.
Form KR mit Kette oder KA mit Seil.
Protective cover for receptacle.
Style KR with chain or KA with rope.
Bouchon pour embase.
Style KR avec chaîne ou KA avec corde.

Beispiel / Example / Exemple

- VG95234KRXX
- GCB-KRBXX
- GCA-KRBXX

- VG95234KAXX
- GCB-KABXX
- GCA-KABXX

XX für Gehäusegröße
XX for shell size
XX pour la taille de boîtier



| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ +0,6 | l ₁ min. | l ₂ max. | Masse / Mass g max. |
|---|------------------------|------------------------|------------------------|------------------------|---------------------------|
| 10SL | 23,5 | 4,3 | 90 | 20 | 16 |
| 14S | 30,5 | 4,3 | 90 | 20 | 18 |
| 16S | 33,0 | 4,3 | 90 | 20 | 19 |
| 16 | 33,0 | 4,3 | 100 | 25 | 23 |
| 18 | 37,5 | 4,3 | 100 | 25 | 27 |
| 20 | 41,0 | 4,3 | 115 | 25 | 30 |
| 22 | 44,0 | 4,3 | 115 | 25 | 33 |
| 24 | 47,5 | 4,3 | 115 | 25 | 37 |
| 28 | 54,5 | 5,5 | 160 | 25 | 42 |
| 32 | 61,0 | 5,5 | 160 | 25 | 48 |
| 36 | 67,5 | 5,5 | 160 | 25 | 55 |

VG95234 Form KB, KC / VG95234 Style KB, KC



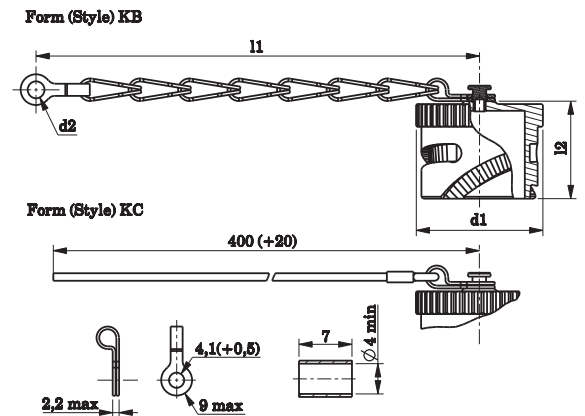
Schutzkappe für Stecker.
Form KB mit Kette oder KC mit Seil.
Protective cover for plug shell.
Style KB with chain or KC with rope.
Bouchon pour mobile.
Style KB avec chaîne ou KC avec corde.

Beispiel / Example / Exemple

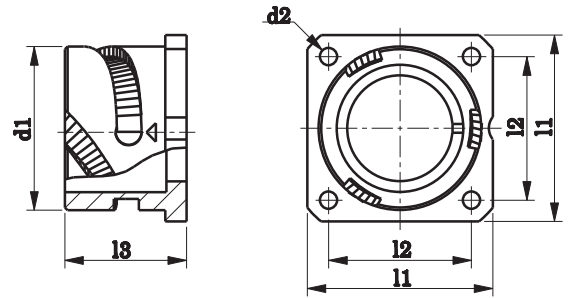
- VG95234KBXX
- GCB-KBBXX
- GCA-KBBXX

- VG95234KCXX
- GCB-KCBXX
- GCA-KCBXX

XX für Gehäusegröße
XX for shell size
XX pour la taille de boîtier



| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ +0,6 | l ₁ min. | l ₂ max. | Masse / Mass g max. |
|---|------------------------|------------------------|------------------------|------------------------|---------------------------|
| 10SL | 21,0 | 4,3 | 90 | 29 | 19 |
| 14S | 27,5 | 4,3 | 100 | 29 | 26 |
| 16S | 30,0 | 4,3 | 100 | 29 | 28 |
| 16 | 30,0 | 4,3 | 115 | 37 | 33 |
| 18 | 33,5 | 4,3 | 115 | 37 | 36 |
| 20 | 37,0 | 4,7 | 130 | 37 | 43 |
| 22 | 40,0 | 4,7 | 130 | 37 | 47 |
| 24 | 43,5 | 4,7 | 130 | 37 | 53 |
| 28 | 49,5 | 4,7 | 190 | 37 | 63 |
| 32 | 56,0 | 5,5 | 190 | 37 | 75 |
| 36 | 62,5 | 5,5 | 190 | 37 | 88 |



Blinddose, Rückseite offen, für Vorderwandmontage.
 Dummy, back side open, for front panel mounting.
 Support de serrage avec face arrière ouverte pour montage de l'avant.

Beispiel / Example / Exemple

- VG95234BODXX
- GCB-BODBXX
- GCA-BODBXX

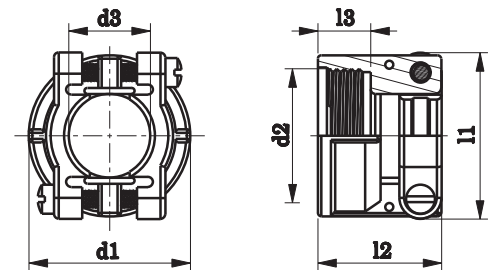
XX für Gehäusegröße

XX for shell size

XX pour la taille de boîtier

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ -0,15 | d ₂ ±0,2 | l ₁ ±0,3 | l ₂ ±0,1 | l ₃ max. | Masse / Mass g max. |
|---|-------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|
| 10SL | 18,2 | 3,2 | 25,4 | 18,2 | 17,5 | 14 |
| 14S | 24,6 | 3,2 | 30,0 | 23,0 | 18,0 | 16 |
| 16S | 27,4 | 3,2 | 32,5 | 24,6 | 18,0 | 18 |
| 16 | 27,4 | 3,2 | 32,5 | 24,6 | 23,5 | 23 |
| 18 | 30,8 | 3,2 | 35,0 | 27,0 | 23,5 | 26 |
| 20 | 34,2 | 3,2 | 38,0 | 29,4 | 23,5 | 32 |
| 22 | 37,4 | 3,2 | 41,0 | 31,8 | 23,5 | 36 |
| 24 | 40,9 | 3,7 | 44,5 | 34,9 | 25,5 | 41 |
| 28 | 46,7 | 3,7 | 50,8 | 39,7 | 25,5 | 52 |
| 32 | 53,4 | 4,3 | 57,0 | 44,5 | 27,0 | 66 |
| 36 | 59,6 | 4,3 | 63,5 | 49,2 | 27,0 | 80 |

VG95234 Klemme / VG95234 Clamp / VG95234 Porte brides



Klemme für Steckverbinder Form E
 Clamp for connector style E
 Porte brides pour connecteur style E

Beispiel / Example / Exemple

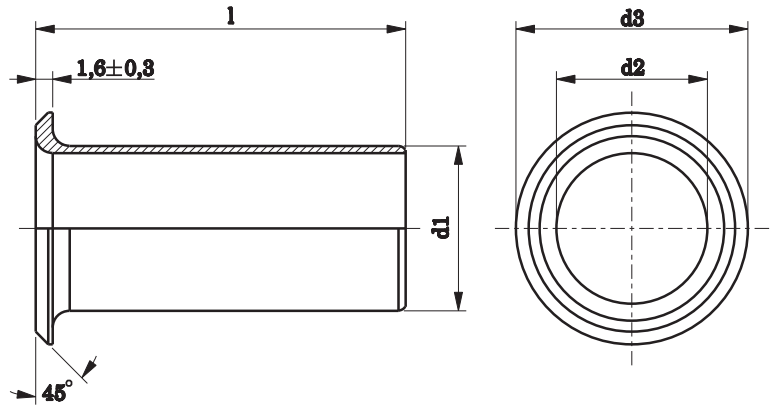
- VG95234KKXX
- GCB-KKXX
- GCA-KKXX

XX für Gehäusegröße

XX for shell size

XX pour la taille de boîtier

| Größe / Size / Taille | Passend für / Appropriate for / Utilisable pour | d ₁ ±0,79 | d ₂ Klasse 2B (Classe 2B, Class 2B) | d ₃ max. | l ₁ ±0,79 | l ₂ ±0,79 | l ₃ | Masse / Mass g max. |
|-----------------------------|---|-------------------------|--|------------------------|-------------------------|-------------------------|----------------|---------------------------|
| 4 | 10SL | 20,63 | 5/8-24UNEF | 8 | 22,23 | 20,63 | 10,3 | 15 |
| 6 | 14S | 24,61 | 3/4-20UNEF | 11,2 | 26,98 | 22,23 | 10,3 | 20 |
| 8 | 16S / 16 | 27,79 | 7/8-20UNEF | 14,3 | 29,36 | 23,83 | 10,3 | 25 |
| 10 | 18 | 30,18 | 1-20UNEF | 15,9 | 31,75 | 23,83 | 10,3 | 25 |
| 12 | 20 / 22 | 34,93 | 1 3/16-18UNEF | 19,1 | 37,31 | 23,83 | 10,3 | 35 |
| 16 | 24 / 28 | 42,06 | 1 7/16-18UNEF | 23,9 | 42,88 | 26,19 | 10,3 | 45 |
| 20 | 32 | 51,59 | 1 3/4-18UNS | 31,8 | 51,59 | 27,79 | 11,9 | 55 |
| 24 | 36 | 56,36 | 2-18UNS | 35,0 | 57,94 | 29,36 | 13,5 | 75 |



Knickschutztülle.
Bushings.
Manchons.

Beispiel / Example / Exemple

- MS3420-10
- GCB-KTXX
- GCA-KTXX

XX für Gehäusegröße

XX for Shell size

XX pour la taille de boîtier

| Größe / Size / Taille | Bestell-Nr. nach / Order-No according to / Référence suivant | | d ₁ | d ₂ | d ₃ | l | Masse / Mass g max. |
|-----------------------------|---|-----------|----------------|----------------|----------------|------|---------------------------|
| | VG95234 | MS | | | | | |
| 10SL | VG95234KT10SL | - | 8,0 | 6,6 | 10,0 | 70,0 | 3 |
| 14S | VG95234KT14S | - | 10,9 | 9,1 | 12,7 | 67,0 | 5 |
| 16S / 16 | VG95234KT16 | MS3420-8 | 14,0 | 11,1 | 18,9 | 63,5 | 6 |
| 18 | VG95234KT18 | MS3420-10 | 15,7 | 14,3 | 22,6 | 60,3 | 4 |
| 20 / 22 | VG95234KT20 | MS3420-12 | 18,8 | 15,9 | 27,5 | 57,0 | 7 |
| 24 / 28 | VG95234KT24 | - | 23,6 | 21,5 | 33,3 | 54,0 | 13 |
| 32 | VG95234KT32 | - | 31,5 | 26,8 | 40,4 | 51,0 | 26 |
| 36 | VG95234KT36 | MS3420-24 | 34,7 | 31,8 | 46,9 | 47,6 | 30 |

VG95234 Blindstopfen / VG95234 Sealing plug / VG95234 Obturateurs



Kontaktkammern im Dichtkörper, die nicht belegt sind, müssen mit Blindstopfen geschlossen werden.
Technische Daten für GCA-B auf Anfrage, für VG95234 und GCB-B: siehe Tabelle.

Grommet cavities without contacts have to be equipped with sealing plugs.

Technical specifications for GCA-B on request, for VG95234 and GCB-B: see table below.

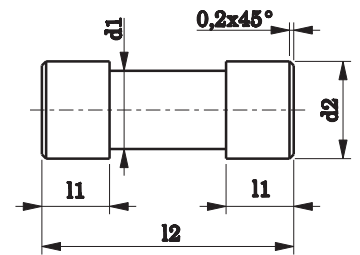
Les cavités de grommet non câblées doivent être équipées d'obturateurs.

Détails techniques pour GCA-B sur demande, pour VG95234 et GCB-B: voir tableau ci-dessous.

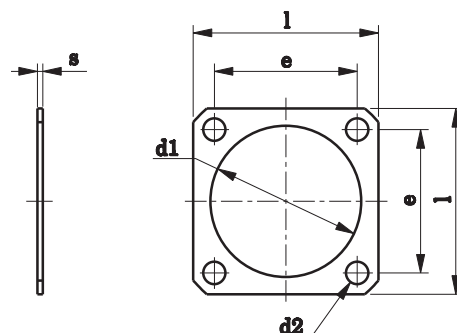
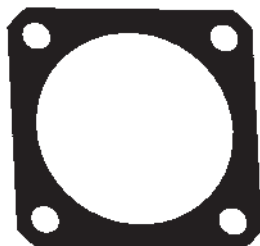
Beispiel / Example / Exemple

- VG95234BXX
- GCB-BXX
- GCA-BXX

XX für Nennggröße, XX for plug size, XX pour la taille



| Nennggröße / Plug size / Taille | Für Kontaktgröße / For contact size / Pour contact taille | | d ₁ ±0,1 | d ₂ ±0,2 | l ₁ ±0,1 | l ₂ ±0,3 | Farbe / Color / Couleur | Masse pro 1000 Stück / Mass per 1000 pieces / Masse par 1000 pièces g max. |
|---------------------------------------|---|-----|------------------------|------------------------|------------------------|------------------------|-------------------------------|---|
| | Metrisch / Metric / Métrique | AWG | | | | | | |
| 20 | 10 | - | 2,3 | 3,0 | 2,4 | 9,7 | rot / red / rouge | 70 |
| 16 | 15S / 15 | - | 2,8 | 3,7 | 3,2 | 11,9 | blau / blue / bleu | 165 |
| 12 | 25 / 25A | - | 3,7 | 4,6 | 3,2 | 11,9 | gelb / yellow / jaune | 220 |
| 8 | 60 / 100 | 8 | 5,0 | 5,8 | 3,2 | 11,9 | weiß / white / blanc | 330 |
| 4 | 160 | 4 | 7,6 | 8,5 | 3,2 | 11,9 | grün / green / vert | 770 |
| 0 | 500 | 0 | 12,8 | 13,5 | 3,2 | 11,9 | schwarz / black / noir | 2035 |



Für Vorderwandmontage / For front panel mounting / Pour montage de l'avant

Beispiel / Example / Exemple

- VG95234DAXX-Y

- GCB-DAXX-Y

- GCA-DAXX-Y

XX für Gehäusegröße

XX for Shell size

XX pour la taille de boîtier

Y – 1 für elektrisch nicht leitend / 1 for non conductive /

1 pour non conducteur

2 für elektrisch leitend / 2 for conductive /

2 pour conducteur

| Größe / Size / Taille | d ₁ +1 | d ₂ +0,5 | e ±0,2 | l ±0,5 | S | | Masse / Mass / g max. |
|-----------------------------|----------------------|------------------------|-----------|-----------|-----------------------------------|-----------------------------------|-----------------------------|
| | | | | | Ausführung (Version) 1 ±0,4 | Ausführung (Version) 2 ±0,2 | |
| 10SL | 15,7 | 4,2 | 18,2 | 25,4 | 1 | 0,5 | 2 |
| 14S | 22,1 | 4,2 | 23,0 | 30,0 | 1 | 0,5 | 2 |
| 16S / 16 | 25,3 | 4,2 | 24,6 | 32,5 | 1 | 0,5 | 2 |
| 18 | 28,4 | 4,2 | 27,0 | 35,0 | 1 | 0,5 | 2 |
| 20 | 31,6 | 4,2 | 29,4 | 38,0 | 1 | 0,5 | 2 |
| 22 | 34,8 | 4,2 | 31,8 | 41,0 | 1 | 0,5 | 2 |
| 24 | 38,0 | 4,2 | 34,9 | 44,5 | 1 | 0,5 | 2 |
| 28 | 44,3 | 5,1 | 39,7 | 50,8 | 1 | 0,5 | 2 |
| 32 | 50,7 | 5,1 | 44,5 | 57,0 | 1 | 0,5 | 2 |
| 36 | 57,0 | 5,1 | 49,2 | 63,5 | 1 | 0,5 | 2 |

Für Hinterwandmontage / For back panel mounting / Pour montage de l'arrière

Beispiel / Example / Exemple

- VG95234DHXX-Y

- GCB-DHXX-Y

- GCA-DHXX-Y

XX für Gehäusegröße

XX for Shell size

XX pour la taille de boîtier

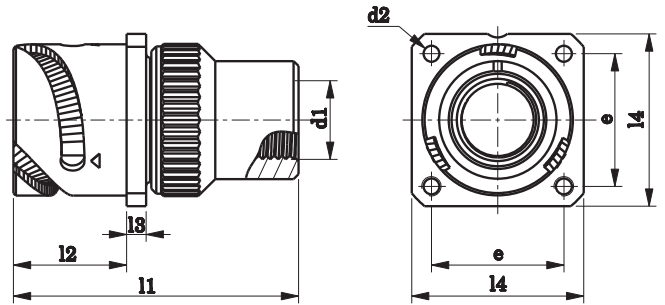
Y – 1 für elektrisch nicht leitend / 1 for non conductive /

1 pour non conducteur

2 für elektrisch leitend / 2 for conductive /

2 pour conducteur

| Größe / Size / Taille | d ₁ +0,3 | d ₂ +0,5 | e ±0,2 | l ±0,5 | S | | Masse / Mass / g max. |
|-----------------------------|------------------------|------------------------|-----------|-----------|-----------------------------------|-----------------------------------|-----------------------------|
| | | | | | Ausführung (Version) 1 ±0,4 | Ausführung (Version) 2 ±0,2 | |
| 10SL | 18,2 | 4,2 | 18,2 | 25,4 | 1 | 0,5 | 2 |
| 14S | 24,6 | 4,2 | 23,0 | 30,0 | 1 | 0,5 | 2 |
| 16S / 16 | 27,4 | 4,2 | 24,6 | 32,5 | 1 | 0,5 | 2 |
| 18 | 30,8 | 4,2 | 27,0 | 35,0 | 1 | 0,5 | 2 |
| 20 | 34,2 | 4,2 | 29,4 | 38,0 | 1 | 0,5 | 2 |
| 22 | 37,4 | 4,2 | 31,8 | 41,0 | 1 | 0,5 | 2 |
| 24 | 40,9 | 4,2 | 34,9 | 44,5 | 1 | 0,5 | 2 |
| 28 | 46,7 | 5,1 | 39,7 | 50,8 | 1 | 0,5 | 2 |
| 32 | 53,4 | 5,1 | 44,5 | 57,0 | 1 | 0,5 | 2 |
| 36 | 59,6 | 5,1 | 49,2 | 63,5 | 1 | 0,5 | 2 |



Fester Steckverbinder mit PG- oder metrischem Endgehäuse ohne Dichtkörper.
 Modifikation T2 mit 4 Gewindebohrungen.
 Fixed connector with PG or metrical backshell, without grommet.
 Modification T2 with 4 threaded holes.
 Embase à collerette carrée avec raccord PG ou métrique sans grommet.
 Modification T2 avec 4 trous taraudés.

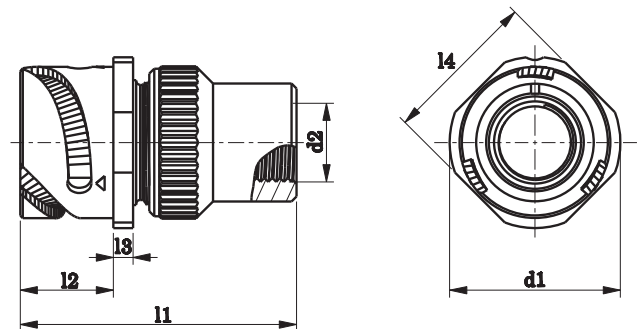
Beispiel / Example / Exemple
 - GCB3100PXXX-18-1SNB-T2
 - GCA3100PXXX-18-10SNB-T2

- GCB3100PXXX-18-1SNB
 - GCA3100PXXX-18-10SNB

XXX für Gewindetyp
 XXX for thread type
 XXX pour le type de taraudage

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ Gewindetyp / Thread type / Type de taraudage | | | | d ₂ | | l ₁ max. | l ₂ +0,4 | l ₃ ±0,2 | l ₄ ±0,3 | e ±0,1 |
|---|--|--------|-----|--------------------------------|--------------------------|----------------------|---------------------|---------------------|---------------------|---------------------|--------|
| | XXX | PG | XXX | Metrisch / Metrical / Métrique | Ohne / Without / Sans M2 | Mit / With / Avec M2 | | | | | |
| 10SL | G09 | PG9 | M12 | M12x1,5 | M4 | 3,2 | 55 | 18,2 | 2,8 | 25,4 | 18,2 |
| 14S | G11 | PG11 | M16 | M16x1,5 | M4 | 3,2 | 55 | 18,2 | 3,2 | 30,0 | 23,0 |
| 16S | G13 | PG13,5 | M20 | M20x1,5 | M4 | 3,2 | 60 | 18,2 | 3,2 | 32,5 | 24,6 |
| 16 | G13 | PG13,5 | M20 | M20x1,5 | M4 | 3,2 | 70 | 23,05 | 3,2 | 32,5 | 24,6 |
| 18 | G13 | PG13,5 | M20 | M20x1,5 | M4 | 3,2 | 75 | 23,05 | 4,0 | 35,0 | 27,0 |
| 20 | G16 | PG16 | M25 | M25x1,5 | M4 | 3,2 | 75 | 23,05 | 4,0 | 38,0 | 29,4 |
| 22 | G16 | PG16 | M25 | M25x1,5 | M4 | 3,2 | 85 | 23,05 | 4,0 | 41,0 | 31,8 |
| 24 | G16 | PG16 | M25 | M25x1,5 | M4 | 3,7 | 85 | 23,05 | 4,0 | 44,5 | 34,9 |
| 28 | G21 | PG21 | M32 | M32x1,5 | M5 | 3,7 | 90 | 24,05 | 4,0 | 50,8 | 39,7 |
| 32 | G29 | PG29 | M40 | M40x1,5 | M5 | 4,3 | 95 | 24,05 | 4,0 | 57,0 | 44,5 |
| 36 | G29 | PG29 | M40 | M40x1,5 | M5 | 4,3 | 100 | 24,05 | 4,0 | 63,5 | 49,2 |

GCB-B 3101 PG – PM / GCA-B 3101 PG – PM

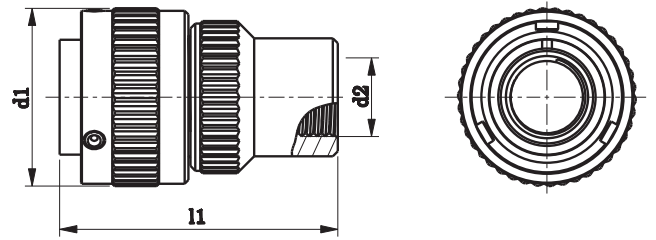


Kabelverlängerung, gerade, mit PG- oder metrischem Endgehäuse ohne Dichtkörper.
 Inline receptacle, straight type, with PG or metrical backshell, without grommet.
 Prolongateur droit avec raccord PG ou métrique, sans grommet.

Beispiel / Example / Exemple
 - GCB3101PXXX-18-1SNB
 - GCA3101PXXX-18-10SNB

XXX für Gewindetyp
 XXX for thread type
 XXX pour le type de taraudage

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ Gewindegröße / Thread type / Type de taraudage | | | | l ₁ max. | l ₂ +0,4 | l ₃ ±0,2 | l ₄ ±0,2 |
|---|---------------------|--|--------|-----|--------------------------------|---------------------|---------------------|---------------------|---------------------|
| | | XXX | PG | XXX | Metrisch / Metrical / Métrique | | | | |
| 10SL | 25,2 | G09 | PG9 | M12 | M12x1,5 | 55 | 14,2 | 2,8 | 20,6 |
| 14S | 29,8 | G11 | PG11 | M16 | M16x1,5 | 55 | 14,2 | 3,2 | 25,4 |
| 16S | 32,3 | G13 | PG13,5 | M20 | M20x1,5 | 60 | 14,2 | 3,2 | 28,6 |
| 16 | 32,3 | G13 | PG13,5 | M20 | M20x1,5 | 70 | 19,0 | 3,2 | 28,6 |
| 18 | 34,8 | G13 | PG13,5 | M20 | M20x1,5 | 75 | 19,0 | 4,0 | 31,7 |
| 20 | 37,8 | G16 | PG16 | M25 | M25x1,5 | 75 | 19,0 | 4,0 | 34,9 |
| 22 | 41,1 | G16 | PG16 | M25 | M25x1,5 | 85 | 19,0 | 4,0 | 38,1 |
| 24 | 44,6 | G16 | PG16 | M25 | M25x1,5 | 85 | 20,6 | 4,0 | 41,3 |
| 28 | 50,9 | G21 | PG21 | M32 | M32x1,5 | 90 | 20,6 | 4,0 | 47,6 |
| 32 | 57,1 | G29 | PG29 | M40 | M40x1,5 | 95 | 22,2 | 4,0 | 54,0 |
| 36 | 63,6 | G29 | PG29 | M40 | M40x1,5 | 100 | 22,0 | 4,0 | 60,6 |



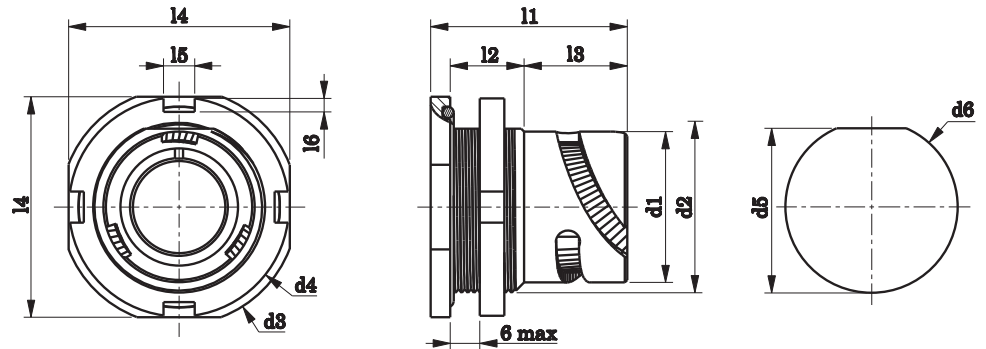
Freier Steckverbinder mit PG- oder metrischem Endgehäuse, ohne Dichtkörper.
Free connector with PG or metrical backshell, without grommet.
Mobile droite avec raccord PG ou métrique, sans grommet.

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ max. | d ₂ Gewindetyp / Thread type / Type de taraudage | | | | l ₁ max. |
|---|---------------------|--|--------|-----|--------------------------------|---------------------|
| | | XXX | PG | XXX | Metrisch / Metrical / Métrique | |
| 10SL | 22,8 | G09 | PG9 | M12 | M12x1,5 | 55 |
| 14S | 29,2 | G11 | PG11 | M16 | M16x1,5 | 55 |
| 16S | 32,0 | G13 | PG13,5 | M20 | M20x1,5 | 60 |
| 16 | 32,0 | G13 | PG13,5 | M20 | M20x1,5 | 70 |
| 18 | 36,5 | G13 | PG13,5 | M20 | M20x1,5 | 75 |
| 20 | 39,9 | G16 | PG16 | M25 | M25x1,5 | 75 |
| 22 | 43,1 | G16 | PG16 | M25 | M25x1,5 | 85 |
| 24 | 46,6 | G16 | PG16 | M25 | M25x1,5 | 85 |
| 28 | 53,4 | G21 | PG21 | M32 | M32x1,5 | 90 |
| 32 | 60,1 | G29 | PG29 | M40 | M40x1,5 | 95 |
| 36 | 66,3 | G29 | PG29 | M40 | M40x1,5 | 100 |

Beispiel / Example / Exemple
- GCB3106PXXX-18-15NB
- GCA3106PXXX-18-10SNB

XXX für Gewindetyp
XXX for thread type
XXX pour le type de taraudage

GCB-B 3107 / GCA-B 3107

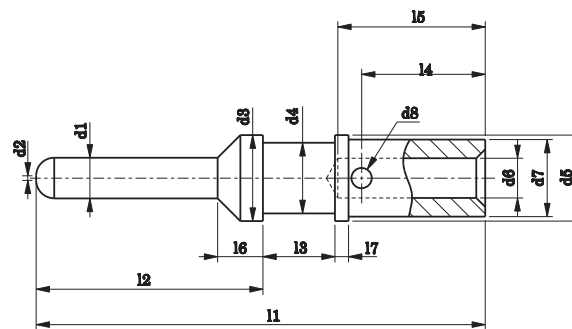


Steckdose für Einlochmontage mit O-Ring Dichtung.
Receptacle for single hole mounting with O-ring seal.
Embase à fixation par écrou avec joint torique.

| Gehäusegröße / Shell size / Taille de boîtier | d ₁ | d ₂ Klasse 2A (Class 2A, Classe 2A) | d ₃ | d ₄ | d ₅ | d ₆ | l ₁ | l ₂ | l ₃ | l ₄ | l ₅ | l ₆ |
|---|----------------|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 10SL | 18,2 | 7/8-20UNEF | 35,0 | 31,5 | 20,9 | 22,7 | 29,2 | 13,5 | 12,5 | 31,8 | 5,0 | 2,5 |
| 14S | 24,6 | 1 1/8-18UNEF | 41,3 | 37,9 | 27,2 | 28,8 | 29,2 | 13,5 | 12,5 | 38,1 | 6,0 | 2,5 |
| 16S | 27,4 | 1 1/4-18UNEF | 44,4 | 41,0 | 30,4 | 32,0 | 29,2 | 13,5 | 12,5 | 41,2 | 6,0 | 2,5 |
| 16 | 27,4 | 1 1/4-18UNEF | 44,4 | 41,0 | 30,4 | 32,0 | 37,7 | 13,5 | 21,0 | 41,2 | 6,0 | 2,5 |
| 18 | 30,8 | 1 3/8-18UNEF | 48,2 | 44,8 | 33,6 | 35,1 | 40,0 | 15,0 | 21,0 | 45,0 | 7,0 | 3,0 |
| 20 | 34,1 | 1 1/2-18UNEF | 52,4 | 49,0 | 36,8 | 38,2 | 40,0 | 15,0 | 21,0 | 49,2 | 7,0 | 3,0 |
| 22 | 37,3 | 1 5/8-18UNEF | 55,5 | 52,2 | 39,9 | 42,0 | 40,0 | 15,0 | 21,0 | 52,4 | 7,0 | 3,0 |
| 24 | 40,8 | 1 3/4-18UNEF | 59,0 | 55,0 | 43,1 | 44,7 | 40,0 | 15,0 | 21,0 | 55,2 | 7,0 | 3,0 |
| 28 | 46,7 | 2-18UNS | 66,0 | 62,0 | 49,2 | 51,1 | 40,0 | 15,0 | 21,0 | 62,2 | 7,0 | 3,0 |
| 32 | 53,3 | 2 1/4-16UN | 72,0 | 68,0 | 55,7 | 57,4 | 40,0 | 15,0 | 21,0 | 68,2 | 7,0 | 3,0 |
| 36 | 59,6 | 2 1/2-16UN | 80,0 | 75,0 | 62,0 | 63,8 | 40,0 | 15,0 | 21,0 | 75,2 | 8,0 | 3,0 |

Beispiel / Example / Exemple
- GCB3107-18-15NB
- GCA3107-18-10SNB

Stiftkontakte VG95234 / GCB-B
Pin contacts VG95234 / GCB-B
Contacts mâles VG95234 / GCB-B

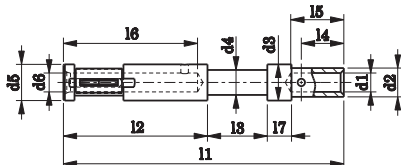


| Kontaktgröße / Contact size / Taille de contact | | Teile-Nummer / Part-Number / Référence | | | d ₁ | d ₂ | d ₃ | d ₄ | d ₅ | d ₆ | d ₇ |
|---|-----|---|---|---|----------------|----------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Metrisch / Metric / Métrique | AWG | VG95234 | Amphenol versilbert / silver plated / argenté | Amphenol vergoldet / gold plated / doré | -0,05 | max. | | | | | |
| 10 | - | VG95234P10 | GCB10M | GCB10M-A176 | 1,04 | 0,4 | 2,0 ^{-0,05} | 1,5 ^{-0,05} | 2,6 ^{-0,10} | 1,50 ^{+0,05} | 2,40 ^{-0,05} |
| | | VG95234P10-001 | GCB10M-001 | GCB10M-001-A176 | | | | | | 0,90 ^{+0,05} | |
| 155 | - | VG95234P155 | GCB15SM | GCB15SM-A176 | 1,60 | 0,4 | 3,2 ^{-0,10} | 1,75 ^{-0,10} | 3,2 ^{-0,10} | 1,75 ^{+0,08} | 2,75 ^{-0,05} |
| | | VG95234P155-001 | GCB15SM-001 | GCB15SM-001-A176 | | | | | | 0,90 ^{+0,05} | |
| | | VG95234P155-002 | GCB15SM-002 | GCB15SM-002-A176 | | | | | | 1,20 ^{+0,10} | |
| 15 | - | VG95234P15 | GCB15M | GCB15M-A176 | 1,60 | 0,4 | 3,2 ^{-0,10} | 1,75 ^{-0,10} | 3,2 ^{-0,10} | 1,75 ^{+0,08} | 2,75 ^{-0,05} |
| | | VG95234P15-001 | GCB15M-001 | GCB15M-001-A176 | | | | | | 0,90 ^{+0,05} | |
| | | VG95234P15-002 | GCB15M-002 | GCB15M-002-A176 | | | | | | 1,20 ^{+0,10} | |
| 25 | - | VG95234P25 | GCB25M | GCB25M-A176 | 2,40 | 0,4 | 4,8 ^{-0,10} | 3,30 ^{-0,15} | 4,8 ^{-0,10} | 2,50 ^{+0,10} | 3,80 ^{-0,10} |
| | | VG95234P25-001 | GCB25M-001 | GCB25M-001-A176 | | | | | | 1,75 ^{+0,08} | 3,40 ^{-0,05} |
| 25A | - | VG95234P25A | GCB25AM | GCB25AM-A176 | 2,40 | 0,4 | 4,8 ^{-0,10} | 3,30 ^{-0,15} | 4,8 ^{-0,10} | 2,50 ^{+0,10} | 3,80 ^{-0,10} |
| 60 | - | VG95234P60 | GCB60M | GCB60M-A176 | 3,60 | 0,4 | 7,6 ^{-0,20} | 6,25 ^{-0,15} | 7,6 ^{-0,20} | 3,50 ^{+0,10} | 6,80 ^{-0,10} |
| | | VG95234P60-001 | GCB60M-001 | GCB60M-001-A176 | | | | | | 2,50 ^{+0,05} | |
| - | 8 | VG95234P8 | GCB8M | GCB8M-A176 | 3,60 | 0,4 | 7,6 ^{-0,20} | 6,25 ^{-0,15} | 7,6 ^{-0,20} | 4,55 ^{+0,10} | 6,80 ^{-0,10} |
| 100 | - | VG95234P100 | GCB100M | GCB100M-A176 | 3,60 | 0,4 | 7,6 ^{-0,20} | 6,25 ^{-0,15} | 7,6 ^{-0,20} | 4,80 ^{+0,10} | 6,80 ^{-0,10} |
| 160 | - | VG95234P160 | GCB160M | GCB160M-A176 | 5,75 | 2,5 | 11,2 ^{-0,20} | 9,55 ^{-0,15} | 11,2 ^{-0,20} | 6,20 ^{+0,15} | 9,55 ^{-0,10} |
| | | VG95234P160-001 | GCB160M-001 | GCB160M-001-A176 | | | | | | 5,70 ^{+0,10} | |
| - | 4 | VG95234P4 | GCB4M | GCB4M-A176 | 5,75 | 2,5 | 11,2 ^{-0,20} | 9,55 ^{-0,15} | 11,2 ^{-0,20} | 7,10 ^{+0,15} | 9,55 ^{-0,10} |
| 500 | - | VG95234P500 | GCB500M | GCB500M-A176 | 9,10 | 5,8 | 15,15 ^{-0,20} | 13,55 ^{-0,15} | 15,15 ^{-0,20} | 10,70 ^{+0,15} | 14,35 ^{-0,10} |
| | | VG95234P500-001 | GCB500M-001 | GCB500M-001-A176 | | | | | | 7,60 ^{+0,15} | |
| | | VG95234P500-002 | GCB500M-002 | GCB500M-002-A176 | | | | | | 9,10 ^{+0,15} | |
| - | 0 | VG95234P0 | GCB0M | GCB0M-A176 | 9,10 | 5,8 | 15,15 ^{-0,20} | 13,55 ^{-0,15} | 15,15 ^{-0,20} | 11,50 ^{+0,15} | 14,35 ^{-0,10} |

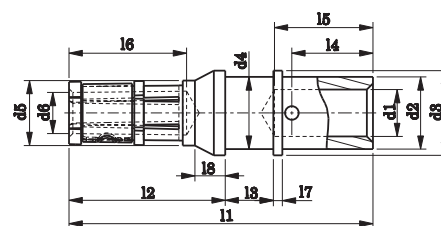
| Kontaktgröße / Contact size / Taille de contact | | Teile-Nummer / Part-Number / Référence | | | d ₈ | l ₁ | l ₂ | l ₃ | l ₄ | l ₅ | l ₆ | l ₇ |
|---|-----|---|---|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Metrisch / Metric / Métrique | AWG | VG95234 | Amphenol versilbert / silver plated / argenté | Amphenol vergoldet / gold plated / doré | ±0,1 | ±0,2 | ±0,15 | ±0,1 | ±0,5 | min. | | |
| 10 | - | VG95234P10 | GCB10M | GCB10M-A176 | 0,7 | 28,4 | 11,3 | 4,75 | 3,4 | 4,6 | 1,3 ±0,10 | 0,8 ±0,10 |
| | | VG95234P10-001 | GCB10M-001 | GCB10M-001-A176 | | | | | | | | |
| 155 | - | VG95234P155 | GCB15SM | GCB15SM-A176 | 1,0 | 27,4 | 13,9 | 3,85 | 5,6 | 6,8 | 2,4 ±0,20 | 3,2 ±0,20 |
| | | VG95234P155-001 | GCB15SM-001 | GCB15SM-001-A176 | | | | | | | | |
| | | VG95234P155-002 | GCB15SM-002 | GCB15SM-002-A176 | | | | | | | | |
| 15 | - | VG95234P15 | GCB15M | GCB15M-A176 | 1,0 | 31,4 | 13,9 | 7,90 | 5,6 | 6,8 | 2,4 ±0,20 | 3,2 ±0,20 |
| | | VG95234P15-001 | GCB15M-001 | GCB15M-001-A176 | | | | | | | | |
| | | VG95234P15-002 | GCB15M-002 | GCB15M-002-A176 | | | | | | | | |
| 25 | - | VG95234P25 | GCB25M | GCB25M-A176 | 1,8 | 37,0 | 18,3 | 7,90 | 5,6 | 6,8 | 2,4 ±0,20 | 3,8 ±0,20 |
| | | VG95234P25-001 | GCB25M-001 | GCB25M-001-A176 | | | | | | | | |
| 25A | - | VG95234P25A | GCB25AM | GCB25AM-A176 | 1,8 | 33,9 | 15,2 | 7,90 | 5,6 | 6,8 | 2,4 ±0,20 | 3,8 ±0,20 |
| 60 | - | VG95234P60 | GCB60M | GCB60M-A176 | 1,8 | 39,6 | 20,0 | 6,35 | 11,0 | 12,0 | 4,0 ±0,20 | 1,2 ±0,20 |
| | | VG95234P60-001 | GCB60M-001 | GCB60M-001-A176 | | | | | | | | |
| - | 8 | VG95234P8 | GCB8M | GCB8M-A176 | 1,8 | 39,6 | 20,0 | 6,35 | 11,0 | 12,0 | 4,0 ±0,20 | 1,2 ±0,20 |
| 100 | - | VG95234P100 | GCB100M | GCB100M-A176 | 1,8 | 39,6 | 20,0 | 6,35 | 11,0 | 12,0 | 4,0 ±0,20 | 1,2 ±0,20 |
| 160 | - | VG95234P160 | GCB160M | GCB160M-A176 | 1,8 | 39,6 | 20,0 | 6,35 | 11,0 | 12,0 | 4,0 ±0,20 | 1,2 ±0,20 |
| | | VG95234P160-001 | GCB160M-001 | GCB160M-001-A176 | | | | | | | | |
| - | 4 | VG95234P4 | GCB4M | GCB4M-A176 | 1,8 | 39,6 | 20,0 | 6,35 | 11,0 | 12,0 | 4,0 ±0,20 | 1,2 ±0,20 |
| 500 | - | VG95234P500 | GCB500M | GCB500M-A176 | 1,8 | 41,0 | 20,0 | 6,35 | 12,3 | 14,0 | 4,0 ±0,20 | 1,2 ±0,20 |
| | | VG95234P500-001 | GCB500M-001 | GCB500M-001-A176 | | | | | | | | |
| | | VG95234P500-002 | GCB500M-002 | GCB500M-002-A176 | | | | | | | | |
| - | 0 | VG95234P0 | GCB0M | GCB0M-A176 | 1,8 | 41,0 | 20,0 | 6,35 | 12,3 | 14,0 | 4,0 ±0,20 | 1,2 ±0,20 |

Buchsenkontakte VG95234 / GCB-B
 Socket contacts VG95234 / GCB-B
 Contacts femelles VG95234 / GCB-B

Größe / Size / Taille –
 10; 15S; 15; 25



Größe / Size / Taille –
 60; 8; 100,
 160; 4; 500; 0



| Kontaktgröße / Contact size / Taille de contact | | Teile-Nummer / Part-Number / Référence | | | d ₁ | d ₂ | d ₃ | d ₄ | d ₅ | d ₆ | l ₁ |
|---|-----|--|---|---|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|
| Metrisch / Metrical / Métrique | AWG | VG95234 | Amphenol versilbert / silver plated / argenté | Amphenol vergoldet / gold plated / doré | | | | | | | |
| 10 | - | VG95234S10 | GCB10F | GCB10F-A176 | 1,50 ^{+0,05} | 2,40 ^{-0,05} | 2,6 ^{-0,10} | 1,50 ^{-0,05} | 2,0 ^{-0,10} | 1,07 ^{+0,20} | 36,8 ^{±0,30} |
| | | VG95234S10-001 | GCB10F-001 | GCB10F-001-A176 | 0,90 ^{+0,05} | | | | | | |
| 15S | - | VG95234S15S | GCB15SF | GCB15SF-A176 | 1,75 ^{+0,08} | 2,75 ^{-0,05} | 3,2 ^{-0,15} | 1,75 ^{-0,10} | 3,2 ^{-0,15} | 1,65 ^{+0,30} | 29,1 ^{±0,20} |
| | | VG95234S15S-001 | GCB15SF-001 | GCB15SF-001-A176 | 0,90 ^{+0,05} | | | | | | |
| | | VG95234S15S-002 | GCB15SF-002 | GCB15SF-002-A176 | 1,20 ^{+0,10} | | | | | | |
| 15 | - | VG95234S15 | GCB15F | GCB15F-A176 | 1,75 ^{+0,08} | 2,75 ^{-0,05} | 3,2 ^{-0,15} | 1,75 ^{-0,10} | 3,2 ^{-0,15} | 1,65 ^{+0,30} | 37,8 ^{±0,20} |
| | | VG95234S15-001 | GCB15F-001 | GCB15F-001-A176 | 0,90 ^{+0,05} | | | | | | |
| | | VG95234S15-002 | GCB15F-002 | GCB15F-002-A176 | 1,20 ^{+0,10} | | | | | | |
| 25 | - | VG95234S25 | GCB25F | GCB25F-A176 | 2,50 ^{+0,10} | 3,80 ^{-0,10} | 4,8 ^{-0,10} | 3,30 ^{-0,10} | 4,8 ^{-0,10} | 2,45 ^{+0,30} | 37,0 ^{±0,20} |
| | | VG95234S25-001 | GCB25F-001 | GCB25F-001-A176 | 1,75 ^{+0,08} | | | | | | |
| 60 | - | VG95234S60 | GCB60F | GCB60F-A176 | 3,50 ^{+0,10} | 6,80 ^{-0,10} | 7,6 ^{-0,20} | 6,25 ^{-0,20} | 6,5 ^{-0,20} | 3,65 ^{±0,05} | 40,1 ^{±0,20} |
| | | VG95234S60-001 | GCB60F-001 | GCB60F-001-A176 | 2,50 ^{+0,05} | | | | | | |
| - | 8 | VG95234S8 | GCB8F | GCB8F-A176 | 4,55 ^{+0,10} | 6,80 ^{-0,10} | 7,6 ^{-0,20} | 6,25 ^{-0,20} | 6,5 ^{-0,20} | 3,65 ^{±0,05} | 40,1 ^{±0,20} |
| 100 | - | VG95234S100 | GCB100F | GCB100F-A176 | 4,80 ^{+0,10} | 6,80 ^{-0,10} | 7,6 ^{-0,20} | 6,25 ^{-0,20} | 6,5 ^{-0,20} | 3,65 ^{±0,05} | 40,1 ^{±0,20} |
| 160 | - | VG95234S160 | GCB160F | GCB160F-A176 | 6,20 ^{+0,15} | 9,55 ^{-0,10} | 11,2 ^{-0,20} | 9,55 ^{-0,20} | 8,6 ^{-0,20} | 5,80 ^{±0,05} | 40,1 ^{±0,20} |
| | | VG95234S160-001 | GCB160F-001 | GCB160F-001-A176 | 5,70 ^{+0,10} | | | | | | |
| - | 4 | VG95234S4 | GCB4F | GCB4F-A176 | 7,10 ^{+0,15} | 9,55 ^{-0,10} | 11,2 ^{-0,20} | 9,55 ^{-0,20} | 8,6 ^{-0,20} | 5,80 ^{±0,05} | 40,1 ^{±0,20} |
| 500 | - | VG95234S500 | GCB500F | GCB500F-A176 | 10,70 ^{+0,15} | 14,35 ^{-0,10} | 15,15 ^{-0,20} | 13,55 ^{-0,20} | 13,2 ^{-0,20} | 9,15 ^{±0,05} | 41,6 ^{±0,20} |
| | | VG95234S500-001 | GCB500F-001 | GCB500F-001-A176 | 7,60 ^{+0,15} | | | | | | |
| | | VG95234S500-002 | GCB500F-002 | GCB500F-002-A176 | 9,10 ^{+0,15} | | | | | | |
| - | 0 | VG95234S0 | GCB0F | GCB0F-A176 | 11,50 ^{+0,15} | 14,35 ^{-0,10} | 15,15 ^{-0,20} | 13,55 ^{-0,20} | 13,2 ^{-0,20} | 9,15 ^{±0,05} | 41,6 ^{±0,20} |

| Kontaktgröße / Contact size / Taille de contact | | Teile-Nummer / Part-Number / Référence | | | l ₂ | l ₃ | l ₄ | l ₅ | l ₆ | l ₇ | l ₈ |
|---|-----|--|---|---|-----------------------|----------------|----------------|----------------|----------------|----------------------|----------------|
| Metrisch / Metrical / Métrique | AWG | VG95234 | Amphenol versilbert / silver plated / argenté | Amphenol vergoldet / gold plated / doré | | ±0,1 | ±0,5 | min. | min. | | ±0,2 |
| 10 | - | VG95234S10 | GCB10F | GCB10F-A176 | 19,7 ^{±0,25} | 4,75 | 3,4 | 4,6 | 7,5 | 0,8 ^{±0,30} | - |
| | | VG95234S10-001 | GCB10F-001 | GCB10F-001-A176 | | | | | | | |
| 15S | - | VG95234S15S | GCB15SF | GCB15SF-A176 | 15,1 ^{±0,20} | 3,90 | 5,6 | 6,8 | 10 | 3,3 ^{±0,10} | - |
| | | VG95234S15S-001 | GCB15SF-001 | GCB15SF-001-A176 | | | | | | | |
| | | VG95234S15S-002 | GCB15SF-002 | GCB15SF-002-A176 | | | | | | | |
| 15 | - | VG95234S15 | GCB15F | GCB15F-A176 | 19,8 ^{±0,20} | 7,90 | 5,6 | 6,8 | 10 | 3,3 ^{±0,10} | - |
| | | VG95234S15-001 | GCB15F-001 | GCB15F-001-A176 | | | | | | | |
| | | VG95234S15-002 | GCB15F-002 | GCB15F-002-A176 | | | | | | | |
| 25 | - | VG95234S25 | GCB25F | GCB25F-A176 | 19,0 ^{±0,15} | 7,90 | 5,6 | 6,8 | 15 | 3,2 ^{±0,20} | - |
| | | VG95234S25-001 | GCB25F-001 | GCB25F-001-A176 | | | | | | | |
| 60 | - | VG95234S60 | GCB60F | GCB60F-A176 | 20,6 ^{±0,15} | 6,35 | 11,0 | 12,0 | 15 | 1,2 ^{±0,20} | 4 |
| | | VG95234S60-001 | GCB60F-001 | GCB60F-001-A176 | | | | | | | |
| - | 8 | VG95234S8 | GCB8F | GCB8F-A176 | 20,6 ^{±0,15} | 6,35 | 11,0 | 12,0 | 15 | 1,2 ^{±0,20} | 4 |
| 100 | - | VG95234S100 | GCB100F | GCB100F-A176 | 20,6 ^{±0,15} | 6,35 | 11,0 | 12,0 | 15 | 1,2 ^{±0,20} | 4 |
| 160 | - | VG95234S160 | GCB160F | GCB160F-A176 | 20,6 ^{±0,15} | 6,35 | 11,0 | 12,0 | 15 | 1,2 ^{±0,20} | 4 |
| | | VG95234S160-001 | GCB160F-001 | GCB160F-001-A176 | | | | | | | |
| - | 4 | VG95234S4 | GCB4F | GCB4F-A176 | 20,6 ^{±0,15} | 6,35 | 11,0 | 12,0 | 15 | 1,2 ^{±0,20} | 4 |
| 500 | - | VG95234S500 | GCB500F | GCB500F-A176 | 20,6 ^{±0,15} | 6,35 | 12,3 | 14,0 | 15 | 1,2 ^{±0,20} | 4 |
| | | VG95234S500-001 | GCB500F-001 | GCB500F-001-A176 | | | | | | | |
| | | VG95234S500-002 | GCB500F-002 | GCB500F-002-A176 | | | | | | | |
| - | 0 | VG95234S0 | GCB0F | GCB0F-A176 | 20,6 ^{±0,15} | 6,35 | 12,3 | 14,0 | 15 | 1,2 ^{±0,20} | 4 |

| Kontaktgröße / Contact size / Taille de contact | | Teile-Nummer / Part-Number / Référence | | | Farbcode / Color code / Code couleur | Anschließbarer Leiter / Applicable wire / Section admissible | | | |
|---|-----|---|--|--|--|---|-----------------|-------------------|-----------------|
| Metrisch / Metrical Métrique | AWG | VG95234 (1) | Amphenol versilbert / silver plated / argenté (2) | Amphenol vergoldet / gold plated / doré (2) | | mm ² | | AWG | |
| | | | | | | von / for / de | bis / to / à | von / for / de | bis / to / à |
| 10 | - | VG95234X10 | GCB10X | GCB10X-A176 | - | 0,50 | 1,00 | 20 | 18 |
| | | VG95234X10-001 | GCB10X-001 | GCB10X-001-A176 | Blau / Blue / Bleu | 0,14 | 0,38 | 26 | 22 |
| 15S | - | VG95234X15S | GCB15SX | GCB15SX-A176 | - | 0,75 | 1,50 | 18 | 16 |
| | | VG95234X15S-001 | GCB15SX-001 | GCB15SX-001-A176 | Blau / Blue / Bleu | 0,14 | 0,38 | 26 | 22 |
| | | VG95234X15S-002 | GCB15SX-002 | GCB15SX-002-A176 | Rot / Red / Rouge | 0,30 | 0,60 | 22 | 20 |
| 15 | - | VG95234X15 | GCB15X | GCB15X-A176 | - | 0,75 | 1,50 | 18 | 16 |
| | | VG95234X15-001 | GCB15X-001 | GCB15X-001-A176 | Blau / Blue / Bleu | 0,14 | 0,38 | 26 | 22 |
| | | VG95234X15-002 | GCB15X-002 | GCB15X-002-A176 | Rot / Red / Rouge | 0,30 | 0,60 | 22 | 20 |
| 25 | - | VG95234X25 | GCB25X | GCB25X-A176 | - | 2,00 | 3,00 | 14 | 12 |
| | | VG95234X25-001 | GCB25X-001 | GCB25X-001-A176 | Schwarz / Black / Noir | 0,75 | 1,50 | 18 | 16 |
| 25A | - | VG95234P25A | GCB25AM | GCB25AM-A176 | - | 2,00 | 3,00 | 14 | 12 |
| 60 | - | VG95234X60 | GCB60X | GCB60X-A176 | Gelb / Yellow / Jaune | 6,00 | | 10 | |
| | | VG95234X60-001 | GCB60X-001 | GCB60X-001-A176 | Grün / Green / Vert | 2,00 | 3,00 | 14 | 12 |
| - | 8 | VG95234X8 | GCB8X | GCB8X-A176 | - | - | | 8 | |
| 100 | - | VG95234X100 | GCB100X | GCB100X-A176 | - | 10,0 | | - | |
| 160 | - | VG95234X160 | GCB160X | GCB160X-A176 | - | 16,0 | | - | |
| | | VG95234X160-001 | GCB160X-001 | GCB160X-001-A176 | Braun / Braun / Brun | - | | 6 | |
| - | 4 | VG95234X4 | GCB4X | GCB4X-A176 | - | - | | 4 | |
| 500 | - | VG95234X500 | GCB500X | GCB500X-A176 | - | 50,0 | | - | |
| | | VG95234X500-001 | GCB500X-001 | GCB500X-001-A176 | Weiss / White / Blanc | 25,0 | | 4 | |
| | | VG95234X500-002 | GCB500X-002 | GCB500X-002-A176 | Grau / Grey / Gris | 35,0 | | 2 | |
| - | 0 | VG95234X0 | GCB0X | GCB0X-A176 | - | - | | 0 | |

(1) X – P oder / or / ou S

(2) X – M oder / or / ou F

VG95234 / GCB-B – Werkzeuge / Tools / Outillages

| Kontaktgröße / Contact size / Taille de contact | | Teile-Nummer / Part-Number Référence | | | Stiftkontakte / Pin contacts / Contacts mâles | | Buchsenkontakte / Socket contacts / Contacts femelles | | | | | | | | | | | | | | | |
|---|-----|---|--|--|---|---|---|---|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|--------------|-----------------|-----------------|---|----|
| Metrisch Metrical Métrique | AWG | VG95234 (1) | Amphenol versilbert / silver plated / argenté (2) | Amphenol vergoldet / gold plated / doré (2) | Crimpzange / Crimp tool / Pince à sertir | Crimpeinsatz / Crimp insert / Insert à sertir | Crimpzange / Crimp tool / Pince à sertir | Crimpeinsatz / Crimp insert / Insert à sertir | | | | | | | | | | | | | | |
| | | | | | | | | | 10 | - | VG95234X10 | GCB10X | GCB10X-A176 | M22520/1-01 | VG95236T25A0002 | M22520/1-01 | VG95236T25A0002 | | | | | |
| | | VG95234X10-001 | GCB10X-001 | GCB10X-001-A176 | 15S | - | VG95234X15S | GCB15SX | GCB15SX-A176 | M22520/1-01 | VG95236T25A0001 | M22520/1-01 | VG95236T25A0002 | | | | | | | | | |
| | | VG95234X15S-001 | GCB15SX-001 | GCB15SX-001-A176 | | | 15 | - | VG95234X15 | | | | | GCB15X | GCB15X-A176 | M22520/1-01 | VG95236T25A0001 | M22520/1-01 | VG95236T25A0002 | | | |
| | | VG95234X15S-002 | GCB15SX-002 | GCB15SX-002-A176 | | | | - | VG95234X15-001 | | | | | GCB15X-001 | GCB15X-001-A176 | | | | | | | 25 |
| | | VG95234X15-002 | GCB15X-002 | GCB15X-002-A176 | | | | - | VG95234X25-001 | GCB25X-001 | GCB25X-001-A176 | | | 25A | - | VG95234P25A | GCB25AM | GCB25AM-A176 | M22520/1-01 | VG95236T25A0001 | - | - |
| 60 | - | VG95234X60 | GCB60X | GCB60X-A176 | M22520/1-01 | VG95236T11A0001 | M22520/1-01 | VG95236T11A0001 | VG95236T11A0001 | | | | | | | | | | | | | |
| | | VG95234X60-001 | GCB60X-001 | GCB60X-001-A176 | | | | | | | | | | | | | | | | | | |
| - | 8 | VG95234X8 | GCB8X | GCB8X-A176 | | | | | | | | | | | | | | | | | | |
| 100 | - | VG95234X100 | GCB100X | GCB100X-A176 | | | | | | | | | | | | | | | | | | |
| 160 | - | VG95234X160 | GCB160X | GCB160X-A176 | | | | | | | | | | | | | | | | | | |
| | | VG95234X160-001 | GCB160X-001 | GCB160X-001-A176 | | | | | | | | | | | | | | | | | | |
| - | 4 | VG95234X4 | GCB4X | GCB4X-A176 | | | | | | | | | | | | | | | | | | |
| 500 | - | VG95234X500 | GCB500X | GCB500X-A176 | | | | | | | | | | | | | | | | | | |
| | | VG95234X500-001 | GCB500X-001 | GCB500X-001-A176 | | | | | | | | | | | | | | | | | | |
| | | VG95234X500-002 | GCB500X-002 | GCB500X-002-A176 | | | | | | | | | | | | | | | | | | |
| - | 0 | VG95234X0 | GCB0X | GCB0X-A176 | | | | | | | | | | | | | | | | | | |

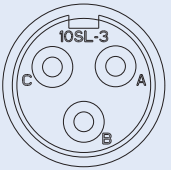
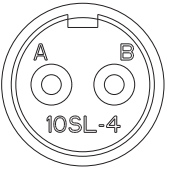
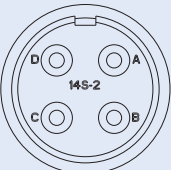
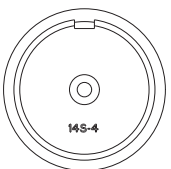
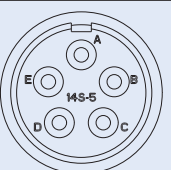
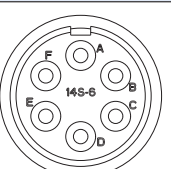
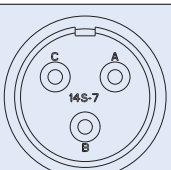
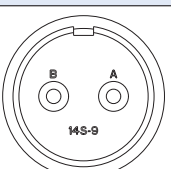
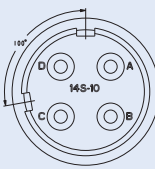
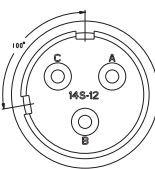
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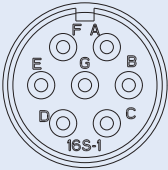
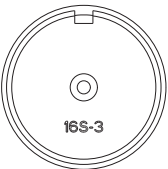
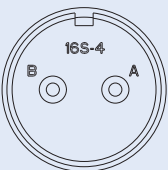
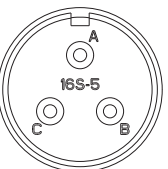
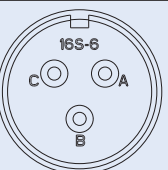
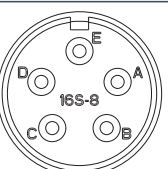
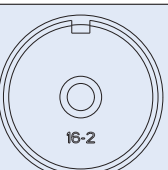
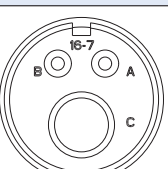
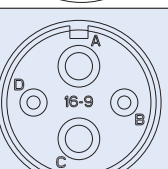
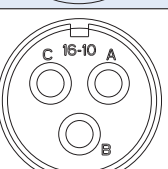
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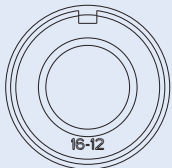
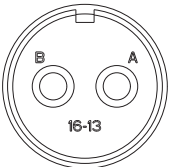
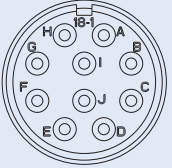
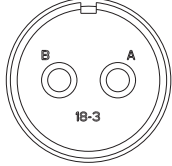
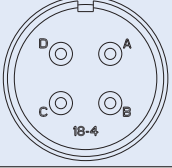
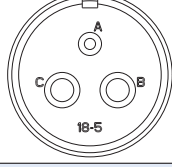
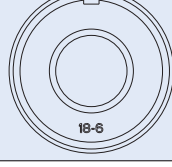
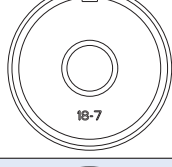
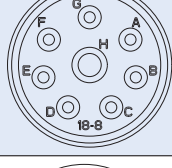
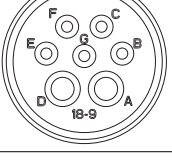
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B – Crimpkopf, hydraulisch / Crimping head, hydraulic / Tête à sertir hydraulique

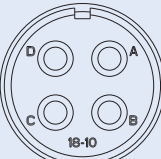
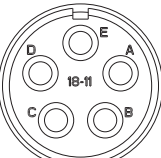
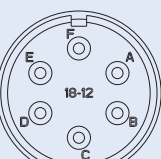
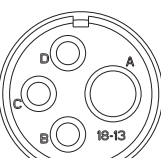
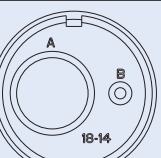
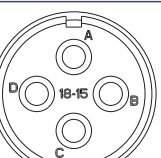
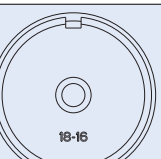

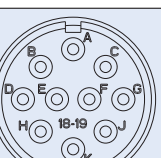
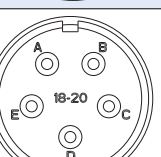
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| 14S-4 | 1 | | | | | 1 | 36-4 | 3 | 3 | | | | |
| 16S-3 | 1 | | | | | 1 | 14S-2 | 4 | | | | | 4 |
| 16-2 | 1 | | | | 1 | | 14S-10 | 4 | | | | | 4 |
| 16-12 | 1 | | 1 | | | | 16-9 | 4 | | | | 2 | 2 |
| 18-6 | 1 | | 1 | | | | 18-4 | 4 | | | | | 4 |
| 18-7 | 1 | | | 1 | | | 18-10 | 4 | | | | 4 | |
| 18-16 | 1 | | | | 1 | | 18-13 | 4 | | | 1 | 3 | |
| 22-7 | 1 | 1 | | | | | 18-15 | 4 | | | | 4 | |
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| 16-13 | 2 | | | | 2 | | 22-4 | 4 | | | 2 | 2 | |
| 18-3 | 2 | | | | 2 | | 22-10 | 4 | | | | | 4 |
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| 20-23 | 2 | | | 2 | | | 36-5 | 4 | 4 | | | | |
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| 20-19 | 3 | | | 3 | | | 18-12 | 6 | | | | | 6 |
| 22-2 | 3 | | | 3 | | | 20-8 | 6 | | | 2 | | 4 |
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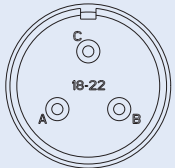
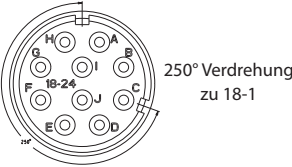
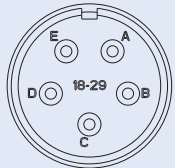
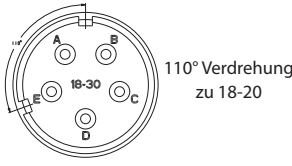
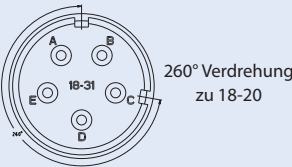
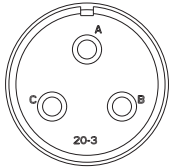
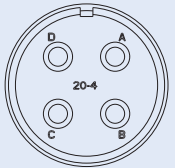
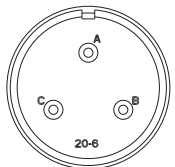
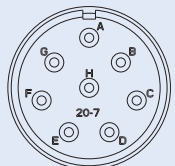
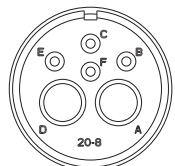
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| 16S-1 | 7 | | | | | 7 | 20-11 | 13 | | | | | 13 |
| 18-9 | 7 | | | | 2 | 5 | 20-25 | 13 | | | | | 13 |
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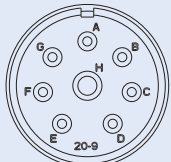
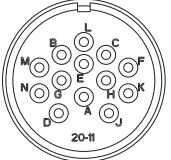
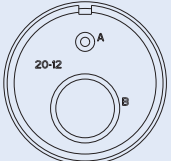
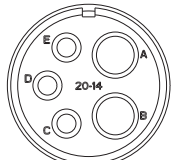
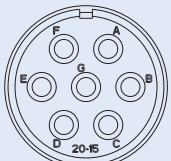
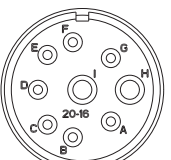
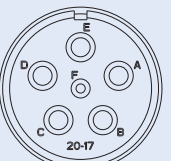
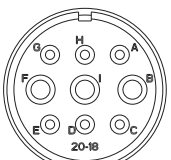
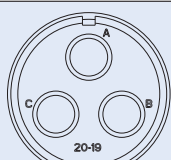
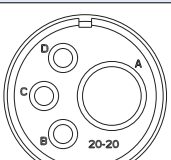
| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des contacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|--|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 10SL-3 | 3 | AWG 16S | A | 0 | - | - | - | - |
|  | 10SL-4 | 2 | AWG 16S | A | 0 | - | - | - | - |
|  | 14S-2 | 4 | AWG 16S | Inst. | 0 | - | 120 | 240 | - |
|  | 14S-4 | 1 | AWG 16S | D | 0 | - | - | - | - |
|  | 14S-5 | 5 | AWG 16S | Inst. | 0 | - | 110 | - | - |
|  | 14S-6 | 6 | AWG 16S | Inst. | 0 | - | - | - | - |
|  | 14S-7 | 3 | AWG 16S | A | 0 | 90 | 180 | 270 | - |
|  | 14S-9 | 2 | AWG 16S | A | 0 | 70 | 145 | 215 | 290 |
|  100° Verdrehung zu 14S-2 | 14S-10 | 4 | AWG 16S | Inst. | 0 | - | - | - | - |
|  100° Verdrehung zu 14S-7 | 14S-12 | 3 | AWG 16S | A | 0 | - | - | - | - |

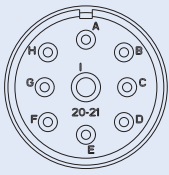
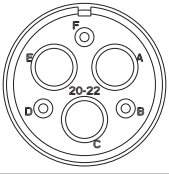
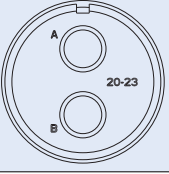
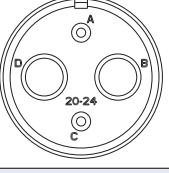
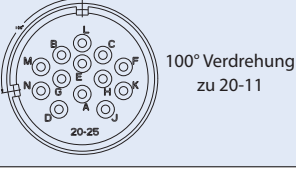
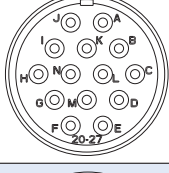
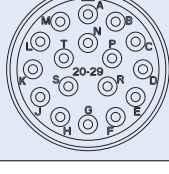

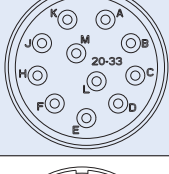
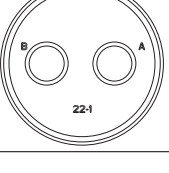
| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 16S-1 | 7 | AWG 16S | A | 0 | 80 | - | - | 280 |
|  | 16S-3 | 1 | AWG 16S | B | 0 | - | - | - | - |
|  | 16S-4 | 2 | AWG 16S | D | 0 | 35 | 110 | 250 | 325 |
|  | 16S-5 | 3 | AWG 16S | A | 0 | 70 | 145 | 215 | 290 |
|  | 16S-6 | 3 | AWG 16S | A | 0 | 90 | 180 | 270 | - |
|  | 16S-8 | 5 | AWG 16S | A | 0 | - | 170 | 265 | - |
|  | 16-2 | 1 | AWG 12 | E | 0 | - | - | - | - |
|  | 16-7 | 1 | AWG 8 | A | 0 | 80 | 110 | 250 | 280 |
| | | 2 | AWG 16 | | | | | | |
|  | 16-9 | 2 | AWG 12 | A | 0 | 35 | 110 | 250 | 325 |
| | | 2 | AWG 16 | | | | | | |
|  | 16-10 | 3 | AWG 12 | A | 0 | 90 | 180 | 270 | - |

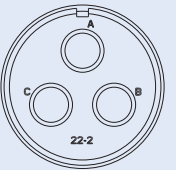
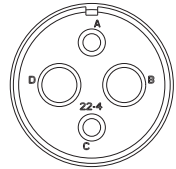
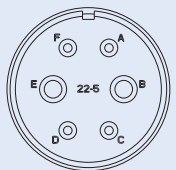
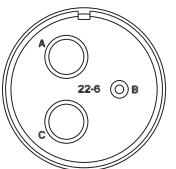
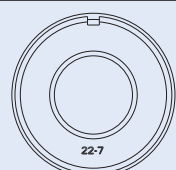
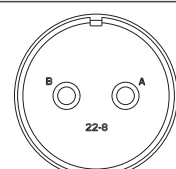
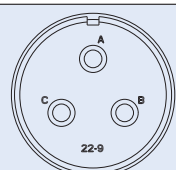
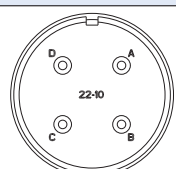
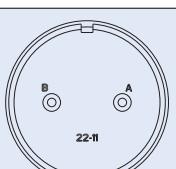
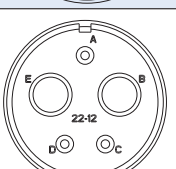
| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des contacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|--|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 16-12 | 1 | AWG 4 | A | 0 | - | - | - | - |
|  | 16-13 | 2 A = Eisen B = Konstantan | AWG 12 | A | 0 | 35 | 110 | 250 | 325 |
|  | 18-1 | 10 | AWG 16 | B,C,F,G - A A,D,E,H,I,J - Inst. | 0 | 70 | 145 | 215 | 290 |
|  | 18-3 | 2 | AWG 12 | D | 0 | 35 | 110 | 250 | 325 |
|  | 18-4 | 4 | AWG 16 | D | 0 | 35 | 110 | 250 | 325 |
|  | 18-5 | 2 | AWG 12 | D | 0 | 80 | 110 | 250 | 280 |
| | | 1 | AWG 16 | | | | | | |
|  | 18-6 | 1 | AWG 4 | D | 0 | - | - | - | - |
|  | 18-7 | 1 | AWG 8 | B | 0 | - | - | - | - |
|  | 18-8 | 1 | AWG 12 | A | 0 | 70 | - | - | 290 |
| | | 7 | AWG 16 | | | | | | |
|  | 18-9 | 2 | AWG 12 | Inst. | 0 | 80 | 110 | 250 | 280 |
| | | 5 | AWG 16 | | | | | | |

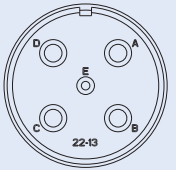
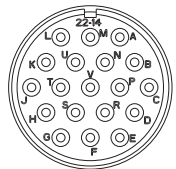
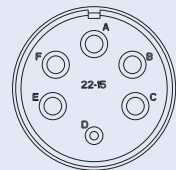
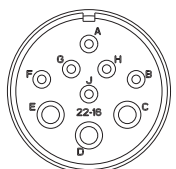
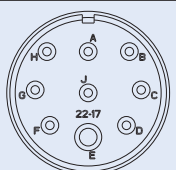
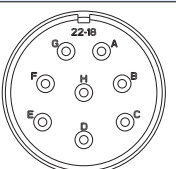
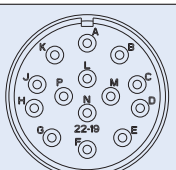
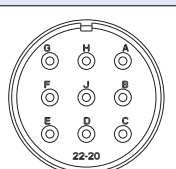
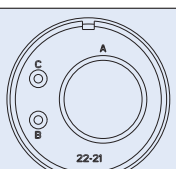
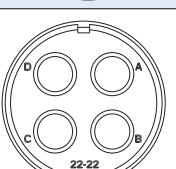
| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|--------------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 18-10 | 4 | AWG 12 | A | 0 | - | 120 | 240 | - |
|  | 18-11 | 5 | AWG 12 | A | 0 | - | 170 | 265 | - |
|  | 18-12 | 6 | AWG 16 | A | 0 | 80 | - | - | 280 |
|  | 18-13 | 1 | AWG 8 | A | 0 | 80 | 110 | 250 | 280 |
| | | 3 | AWG 12 | | | | | | |
|  | 18-14 | 1 | AWG 4 | A | 0 | 80 | 110 | 250 | 280 |
| | | 1 | AWG 16 | | | | | | |
|  | 18-15 | 4 | AWG 12 | A | 0 | - | 120 | 240 | - |
| | | A, C = Eisen B, D = Konstantan | | | | | | | |
|  | 18-16 | 1 | AWG 12 | C | 0 | - | - | - | - |
|  | 18-17 | 2 | AWG 12 | Inst. | 0 | - | - | - | - |
| | | 5 | AWG 16 | | | | | | |
|  | 18-19 | 10 | AWG 16 | A | 0 | - | - | - | - |
|  | 18-20 | 5 | AWG 16 | A | 0 | 90 | 180 | 270 | - |

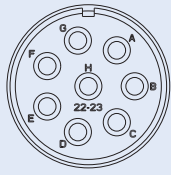
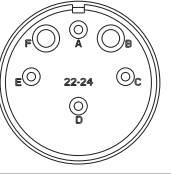
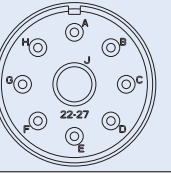
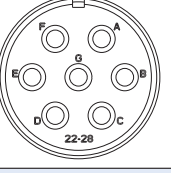
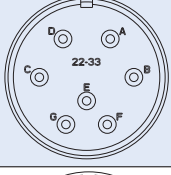
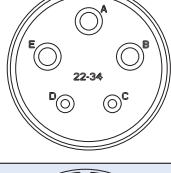
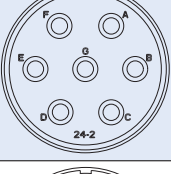
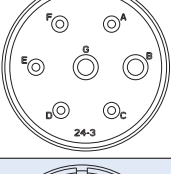
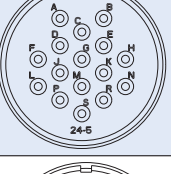
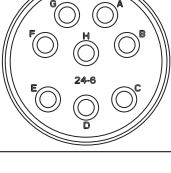
| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 18-22 | 3 | AWG 16 | D | 0 | 70 | 145 | 215 | 290 |
|  | 18-24 | 10 | AWG 16 | B,C,F,G - A A,D,E,H,I,J - Inst. | 0 | - | - | - | - |
|  | 18-29 | 5 | AWG 16 | A | 0 | 90 | 180 | 270 | - |
|  | 18-30 | 5 | AWG 16 | A | 0 | - | - | - | - |
|  | 18-31 | 5 | AWG 16 | A | 0 | - | - | - | - |
|  | 20-3 | 3 | AWG 12 | D | 0 | 70 | 145 | 215 | 290 |
|  | 20-4 | 4 | AWG 12 | D | 0 | 45 | 110 | 250 | - |
|  | 20-6 | 3 | AWG 16 | D | 0 | 70 | 145 | 215 | 290 |
|  | 20-7 | 8 | AWG 16 | A,B,G,H = D C,D,E,F = A | 0 | 80 | 110 | 250 | 280 |
|  | 20-8 | 2 | AWG 8 | Inst. | 0 | 80 | 110 | 250 | 280 |
| | | 4 | AWG 16 | | | | | | |

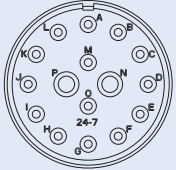
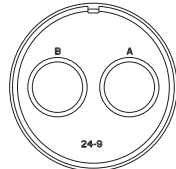
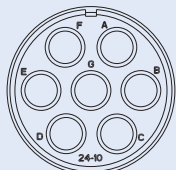
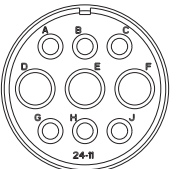
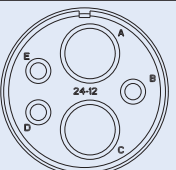
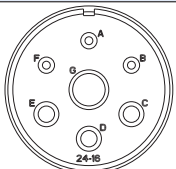
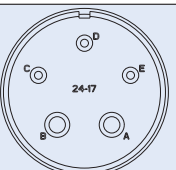
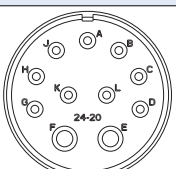
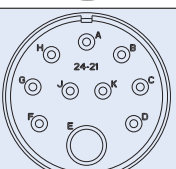
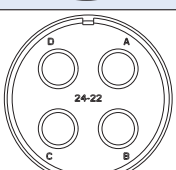
| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 20-9 | 1 | AWG 12 | H = D | 0 | 80 | 110 | 250 | 280 |
| | | 7 | AWG 16 | A,B,C,D,E,F,G = A | | | | | |
|  | 20-11 | 13 | AWG 16 | Inst. | 0 | - | - | - | - |
|  | 20-12 | 1 | AWG 4 | A | 0 | 80 | 110 | 250 | 280 |
| | | 1 | AWG 16 | | | | | | |
|  | 20-14 | 2 | AWG 8 | A | 0 | 80 | 110 | 250 | 280 |
| | | 3 | AWG 12 | | | | | | |
|  | 20-15 | 7 | AWG 12 | A | 0 | 80 | - | - | 280 |
|  | 20-16 | 2 | AWG 12 | A | 0 | 80 | 110 | 250 | 280 |
| | | 7 | AWG 16 | | | | | | |
|  | 20-17 | 5 | AWG 12 | A | 0 | 90 | 180 | 270 | - |
| | | 1 | AWG 16 | | | | | | |
|  | 20-18 | 3 | AWG 12 | A | 0 | 35 | 110 | 250 | 325 |
| | | 6 | AWG 16 | | | | | | |
|  | 20-19 | 3 | AWG 8 | A | 0 | 90 | 180 | 270 | - |
|  | 20-20 | 1 | AWG 4 | A | 0 | 80 | 110 | 250 | 280 |
| | | 3 | AWG 12 | | | | | | |

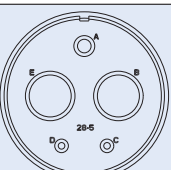
| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des contacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|--|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 20-21 | 1 | AWG 12 | A | 0 | 35 | 110 | 250 | 325 |
| | | 8 | AWG 16 | | | | | | |
|  | 20-22 | 3 | AWG 8 | A | 0 | 80 | 110 | 250 | 280 |
| | | 3 | AWG 16 | | | | | | |
|  | 20-23 | 2 | AWG 8 | A | 0 | 35 | 110 | 250 | 325 |
|  | 20-24 | 2 | AWG 8 | A | 0 | 35 | 110 | 250 | 325 |
| | | 2 | AWG 16 | | | | | | |
|  100° Verdrehung zu 20-11 | 20-25 | 13 | AWG 16 | Inst. | 0 | - | - | - | - |
|  | 20-27 | 14 | AWG 16 | A | 0 | 35 | 110 | 250 | 325 |
|  | 20-29 | 17 | AWG 16 | A | 0 | 80 | - | - | 280 |
|  250° Verdrehung zu 20-11 | 20-30 | 13 | AWG 16 | Inst. | 0 | - | - | - | - |
|  | 20-33 | 11 | AWG 16 | A | 0 | - | - | - | - |
|  | 22-1 | 2 | AWG 8 | D | 0 | 35 | 110 | 250 | 325 |

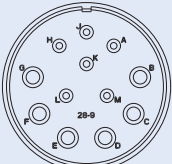
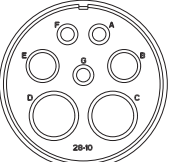
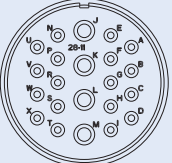
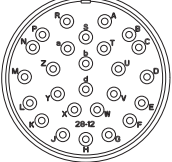
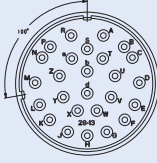
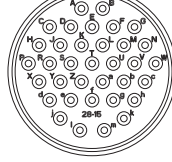
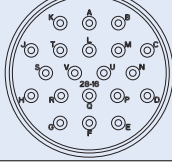
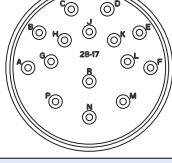
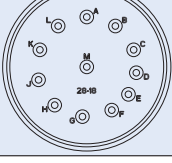
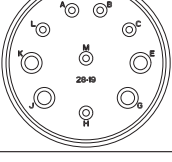
| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 22-2 | 3 | AWG 8 | D | 0 | 70 | 145 | 215 | 290 |
|  | 22-4 | 2 | AWG 8 | A | 0 | 35 | 110 | 250 | 325 |
| | | 2 | AWG 12 | | | | | | |
|  | 22-5 | 2 | AWG 12 | D | 0 | 35 | 110 | 250 | 325 |
| | | 4 | AWG 16 | | | | | | |
|  | 22-6 | 2 | AWG 8 | D | 0 | 80 | 110 | 250 | 280 |
| | | 1 | AWG 16 | | | | | | |
|  | 22-7 | 1 | AWG 0 | E | 0 | - | - | - | - |
|  | 22-8 | 2 | AWG 12 | E | 0 | 35 | 110 | 250 | 325 |
|  | 22-9 | 3 | AWG 12 | E | 0 | 70 | 145 | 215 | 290 |
|  | 22-10 | 4 | AWG 16 | E | 0 | 35 | 110 | 250 | 325 |
|  | 22-11 | 2 | AWG 16 | B | 0 | 35 | 110 | 250 | 325 |
|  | 22-12 | 2 | AWG 8 | D | 0 | 80 | 110 | 250 | 280 |
| | | 3 | AWG 16 | | | | | | |

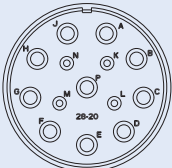
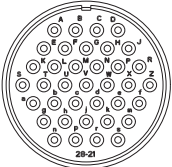
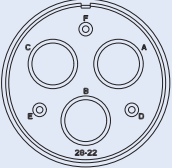
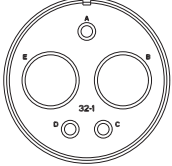
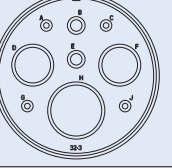
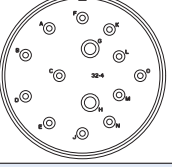
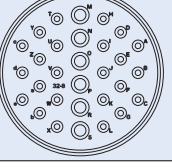
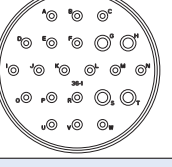
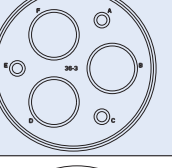
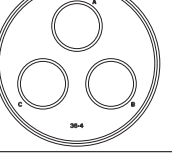
| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 22-13 | 4 | AWG 12 | E = D | 0 | 35 | 110 | 250 | 325 |
| | | 1 | AWG 16 | A,B,C,D = A | | | | | |
|  | 22-14 | 19 | AWG 16 | A | 0 | 80 | 110 | 250 | 280 |
|  | 22-15 | 5 | AWG 12 | D = E | 0 | 80 | 110 | 250 | 280 |
| | | 1 | AWG 16 | A,B,C,E,F = A | | | | | |
|  | 22-16 | 3 | AWG 12 | A | 0 | 80 | 110 | 250 | 280 |
| | | 6 | AWG 16 | | | | | | |
|  | 22-17 | 1 | AWG 12 | A = D | 0 | 80 | 110 | 250 | 280 |
| | | 8 | AWG 16 | B,C,D,E,F,G, H,J = A | | | | | |
|  | 22-18 | 8 | AWG 16 | A,B,F,G,H = D C,D,E = A | 0 | 80 | 110 | 250 | 280 |
|  | 22-19 | 14 | AWG 16 | A | 0 | 80 | 110 | 250 | 280 |
|  | 22-20 | 9 | AWG 16 | A | 0 | 35 | 110 | 250 | 325 |
|  | 22-21 | 1 | AWG 0 | A | 0 | 80 | 110 | 250 | 280 |
| | | 2 | AWG 16 | | | | | | |
|  | 22-22 | 4 | AWG 8 | A | 0 | - | 110 | 250 | - |

| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 22-23 | 8 | AWG 12 | H = D A,B,C,D,E,F,G = A | 0 | 35 | - | 250 | - |
|  | 22-24 | 2 | AWG 12 | C,D,E = D | 0 | 80 | 110 | 250 | 280 |
| | | 4 | AWG 16 | A,B,F = A | | | | | |
|  | 22-27 | 1 | AWG 8 | J = D | 0 | 80 | - | 250 | 280 |
| | | 8 | AWG 16 | A,B,C,D,E, F,G,H = A | | | | | |
|  | 22-28 | 7 | AWG 12 | A | 0 | 80 | - | - | 280 |
|  | 22-33 | 7 | AWG 16 | A,B,C,D = D E,F,G = A | 0 | 80 | 110 | 250 | 280 |
|  | 22-34 | 3 | AWG 12 | D | 0 | 80 | 110 | 250 | 280 |
| | | 2 | AWG 16 | | | | | | |
|  | 24-2 | 7 | AWG 12 | D | 0 | 80 | - | - | 280 |
|  | 24-3 | 2 | AWG 12 | D | 0 | 80 | 110 | 250 | 280 |
| | | 5 | AWG 16 | | | | | | |
|  | 24-5 | 16 | AWG 16 | A | 0 | 80 | 110 | 250 | 280 |
|  | 24-6 | 8 | AWG 12 | A,G,H = D B,C,D,E,F = A | 0 | 80 | 110 | 250 | 280 |

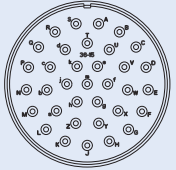
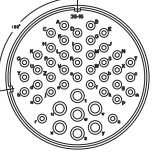
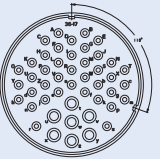
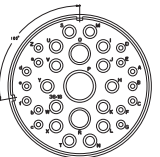
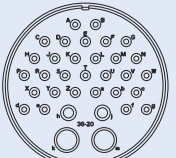
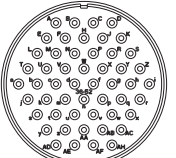
| Ansicht auf die Vorderseite des Stifteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|---|--|-----------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 24-7 | 2 | AWG 12 | A | 0 | 80 | 110 | 250 | 280 |
| | | 14 | AWG 16 | | | | | | |
|  | 24-9 | 2 | AWG 4 | A | 0 | 35 | 110 | 250 | 325 |
|  | 24-10 | 7 | AWG 8 | A | 0 | 80 | - | - | 280 |
|  | 24-11 | 3 | AWG 8 | A | 0 | 35 | 110 | 250 | 325 |
| | | 6 | AWG 12 | | | | | | |
|  | 24-12 | 2 | AWG 4 | A | 0 | 80 | 110 | 250 | 280 |
| | | 3 | AWG 12 | | | | | | |
|  | 24-16 | 1 | AWG 8 | A, B, F, G = D C, D, E = A | 0 | 80 | 110 | 250 | 280 |
| | | 3 | AWG 12 | | | | | | |
| | | 3 | AWG 16 | | | | | | |
|  | 24-17 | 2 | AWG 12 | D | 0 | 80 | 110 | 250 | 280 |
| | | 3 | AWG 16 | | | | | | |
|  | 24-20 | 2 | AWG 12 | D | 0 | 80 | 110 | 250 | 280 |
| | | 9 | AWG 16 | | | | | | |
|  | 24-21 | 1 | AWG 8 | D | 0 | 80 | 110 | 250 | 280 |
| | | 9 | AWG 16 | | | | | | |
|  | 24-22 | 4 | AWG 8 | D | 0 | 45 | 110 | 250 | - |

| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 24-27 | 7 | AWG 16 | E | 0 | 80 | - | - | 280 |
|  | 24-28 | 24 | AWG 16 | Inst. | 0 | 80 | 110 | 250 | 280 |
|  | 28-1 | 3 | AWG 8 | A, J, E = D | 0 | 80 | 110 | 250 | 280 |
| | | 6 | AWG 12 | B, C, D, F, G, H = A | | | | | |
|  | 28-2 | 2 | AWG 12 | D | 0 | 35 | 110 | 250 | 325 |
| | | 12 | AWG 16 | | | | | | |
|  | 28-3 | 3 | AWG 8 | E | 0 | 70 | 145 | 215 | 290 |
|  | 28-4 | 2 | AWG 12 | G, S, P = E | 0 | 80 | 110 | 250 | 280 |
| | | 7 | AWG 16 | A, B, C, D, E, F = D | | | | | |
|  | 28-5 | 2 | AWG 4 | D | 0 | 35 | 110 | 250 | 325 |
| | | 1 | AWG 12 | | | | | | |
| | | 2 | AWG 16 | | | | | | |
|  | 28-6 | 3 | AWG 4 | D | 0 | 70 | 145 | 215 | 290 |
|  | 28-7 | 2 | AWG 4 | D | 0 | 35 | 110 | 250 | 325 |
|  | 28-8 | 2 | AWG 12 | L, M = E B = D | 0 | 80 | 110 | 250 | 280 |
| | | 10 | AWG 16 | A, C, D, E, F, G, H, J, K = A | | | | | |

| Ansicht auf die Vorderseite des Stifteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des contacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|---|--|-----------------------------------|-----------------------------|--|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 28-9 | 6 | AWG 12 | D | 0 | 80 | 110 | 250 | 280 |
| | | 6 | AWG 16 | | | | | | |
|  | 28-10 | 2 | AWG 4 | G = D A,B,C,D,E,F = A | 0 | 80 | 110 | 250 | 280 |
| | | 2 | AWG 8 | | | | | | |
| | | 3 | AWG 12 | | | | | | |
|  | 28-11 | 4 | AWG 12 | A | 0 | 80 | 110 | 250 | 280 |
| | | 18 | AWG 16 | | | | | | |
|  | 28-12 | 26 | AWG 16 | A | 0 | 90 | 180 | 270 | - |
|  100° Verdrehung zu 28-12 | 28-13 | 26 | AWG 16 | A | 0 | - | - | - | - |
|  | 28-15 | 35 | AWG 16 | A | 0 | 80 | 110 | 250 | 280 |
|  | 28-16 | 20 | AWG 16 | A | 0 | 80 | 110 | 250 | 280 |
|  | 28-17 | 15 | AWG 16 | R = B M,N,P = D A - L = A | 0 | 80 | 110 | 250 | 280 |
|  | 28-18 | 12 | AWG 16 | M = C G,H,J,K,L = D A, B = A C,D,E,F = Inst. | 0 | 70 | 145 | 215 | 290 |
|  | 28-19 | 4 | AWG 12 | H,M = B A, B = D | 0 | 80 | 110 | 250 | 280 |
| | | 6 | AWG 16 | C,E,G,J,K,L = A | | | | | |

| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 28-20 | 10 | AWG 12 | A | 0 | 80 | 110 | 250 | 280 |
| | | 4 | AWG 16 | | | | | | |
|  | 28-21 | 37 | AWG 16 | A | 0 | 80 | 110 | 250 | 280 |
|  | 28-22 | 3 | AWG 4 | D | 0 | 70 | 145 | 215 | 290 |
| | | 3 | AWG 16 | | | | | | |
|  | 32-1 | 2 | AWG 0 | A = E B,C,D,E = D | 0 | 80 | 110 | 250 | 280 |
| | | 3 | AWG 12 | | | | | | |
|  | 32-3 | 1 | AWG 0 | D | 0 | 80 | 110 | 250 | 280 |
| | | 2 | AWG 4 | | | | | | |
| | | 2 | AWG 12 | | | | | | |
| | | 4 | AWG 16 | | | | | | |
|  | 32-4 | 2 | AWG 12 | F,J,K,N = A | 0 | 80 | 110 | 250 | 280 |
| | | 12 | AWG 16 | Bal. = D | | | | | |
|  | 32-8 | 6 | AWG 12 | A | 0 | 80 | 125 | 235 | 280 |
| | | 24 | AWG 16 | | | | | | |
|  | 36-1 | 4 | AWG 12 | D | 0 | 80 | 110 | 250 | 280 |
| | | 18 | AWG 16 | | | | | | |
|  | 36-3 | 3 | AWG 0 | D | 0 | 70 | 145 | 215 | 290 |
| | | 3 | AWG 12 | | | | | | |
|  | 36-4 | 3 | AWG 0 | A = D B,C = A | 0 | 70 | 145 | 215 | 290 |

| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des con- tacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|---|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
| | 36-5 | 4 | AWG 0 | A | 0 | - | 120 | 240 | - |
| | 36-6 | 2 | AWG 0 | A | 0 | 35 | 110 | 250 | 325 |
| | | 4 | AWG 4 | | | | | | |
| | 36-7 | 7 | AWG 12 | A | 0 | 80 | 110 | 250 | 280 |
| | | 40 | AWG 16 | | | | | | |
| | 36-8 | 1 | AWG 12 | A | 0 | 80 | 110 | 250 | 280 |
| | | 46 | AWG 16 | | | | | | |
| | 36-9 | 1 | AWG 4 | A | 0 | 80 | 125 | 235 | 280 |
| | | 2 | AWG 8 | | | | | | |
| | | 14 | AWG 12 | | | | | | |
| | | 14 | AWG 16 | | | | | | |
| | 36-10 | 48 | AWG 16 | A | 0 | 80 | 125 | 235 | 280 |
| 100° Verdrehung zu 36-10 | 36-11 | 48 | AWG 16 | A | 0 | - | - | - | - |
| 110° Verdrehung zu 36-10 | 36-12 | 48 | AWG 16 | A | 0 | - | - | - | - |
| | 36-13 | 2 | AWG 12 | N,P,Q = E | 0 | 80 | 110 | 250 | 280 |
| | | 15 | AWG 16 | Bal. = A | | | | | |
| | 36-14 | 5 | AWG 8 | D | 0 | 90 | 180 | 270 | - |
| | | 5 | AWG 12 | | | | | | |
| | | 6 | AWG 16 | | | | | | |

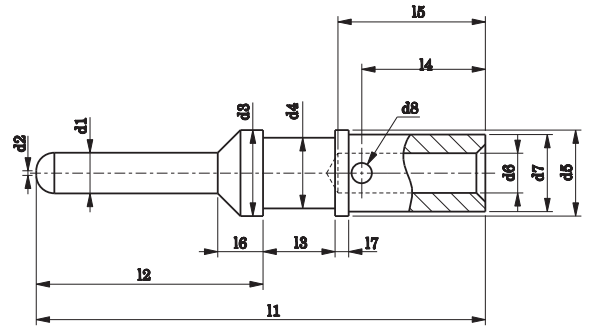
| Ansicht auf die Vorderseite des Stiftteinsatzes / Front face of pin insert illustrated / Vue face avant de l'insert mâle | Polbild / Contact arrangement / Arrangement | Kontakte / Contacts / Contacts | | Spannungsklasse für Kontakte / Voltage class for contacts / Tension d'utilisation des contacts | Winkelstellung der Kontakteinsätze in Grad / Angular position of the contact inserts in degrees / Polarisation des inserts en degrés | | | | |
|--|--|-----------------------------------|-----------------------------|--|--|----|-----|-----|-----|
| | | Anzahl / Number / Nombre | Größe / Size / Taille | | N | W | X | Y | Z |
|  | 36-15 | 35 | AWG 16 | M = D Bal. = A | 0 | 60 | 125 | 245 | 305 |
|  100° Verdrehung zu 36-7 | 36-16 | 7 | AWG 12 | A | 0 | - | - | - | - |
| | | 40 | AWG 16 | | | | | | |
|  100° Verdrehung zu 36-7 | 36-17 | 7 | AWG 12 | A | 0 | - | - | - | - |
| | | 40 | AWG 16 | | | | | | |
|  100° Verdrehung zu 36-9 | 36-18 | 1 | AWG 4 | A | 0 | - | - | - | - |
| | | 2 | AWG 8 | | | | | | |
| | | 14 | AWG 12 | | | | | | |
| | | 14 | AWG 16 | | | | | | |
|  | 36-20 | 2 | AWG 8 | A | 0 | - | - | - | - |
| | | 2 | AWG 12 | | | | | | |
| | | 30 | AWG 16 | | | | | | |
|  | 36-52 | 52 | AWG 16 | A | 0 | - | - | - | - |

GCA-B – Werkzeuge / Tools / Outillages

| Kontaktgröße / Contact size / Taille de contact | Stiftkontakte / Pin contacts / Contacts mâles | | Buchsenkontakte / Socket contacts / Contacts femelles | |
|---|--|---|--|---|
| | Crimpzange / Crimp tool / Pince à sertir | Crimpeinsatz / Crimp insert / Insert à sertir | Crimpzange / Crimp tool / Pince à sertir | Crimpeinsatz / Crimp insert / Insert à sertir |
| AWG | | | | |
| 16S | M22520/1-01 | TH696 | M22520/1-01 | TH696 |
| 16 | M22520/1-01 | TH696 | M22520/1-01 | TH696 |
| 12 | M22520/1-01 | TH696 | M22520/1-01 | TH696 |
| 8 | M22520/23-01 | M22520/23-02 | M22520/23-01 | M22520/23-02 |
| 4 | M22520/23-01 | M22520/23-04 | M22520/23-01 | M22520/23-04 |
| 0 | M22520/23-01 | M22520/23-05 | M22520/23-01 | M22520/23-05 |

⁽³⁾ A – Hand-Crimpwerkzeug, hydraulisch / Hand crimping tools, hydraulic / Pince à sertir hydraulique manuelle
B – Crimpkopf, hydraulisch / Crimping head, hydraulic / Tête à sertir hydraulique

Stiftkontakte GCA-B
 Pin contacts GCA-B
 Contacts mâles GCA-B



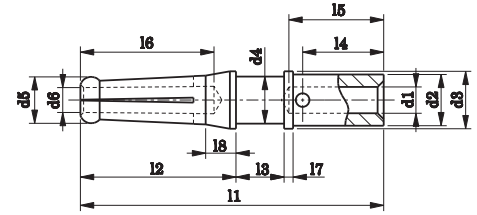
| Kontaktgröße / Contact size / Taille de contact | Teile-Nummer Part-Number Référence | | Anschließer Leiter / Applicable wire / Section admissible | | d ₁ | d ₂ max. | d ₃ | d ₄ | d ₅ | d ₆ | d ₇ |
|---|--|---------------------|---|-----------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | Anschließer Leiter / Applicable wire / | | AWG | mm ² | | | | | | | |
| 16S | GCA16SM | GCA16SM-A176 | 18-16 | 0,75-1,50 | 1,61 ^{-0,05} | 0,40 | 3,10 ^{±0,03} | 1,70 ^{±0,02} | 3,10 ^{±0,03} | 1,72 ^{±0,03} | 2,65 ^{±0,05} |
| | GCA16SM-001(*) | GCA16SM-001-A176(*) | 26-22 | 0,14-0,38 | | | | | | 0,90 ^{+0,05} | |
| | GCA16SM-002(*) | GCA16SM-002-A176(*) | 22-20 | 0,30-0,60 | | | | | | 1,20 ^{+0,10} | |
| 16 | GCA16M | GCA16M-A176 | 18-16 | 0,75-1,50 | 1,61 ^{-0,05} | 0,40 | 3,10 ^{±0,03} | 1,70 ^{±0,02} | 3,10 ^{±0,03} | 1,72 ^{±0,03} | 2,60 ^{±0,05} |
| | GCA16M-001(*) | GCA16M-001-A176(*) | 26-22 | 0,14-0,38 | | | | | | 0,90 ^{+0,05} | |
| | GCA16M-002(*) | GCA16M-002-A176(*) | 22-20 | 0,30-0,60 | | | | | | 1,20 ^{+0,10} | |
| 12 | GCA12M | GCA12M-A176 | 14-12 | 2,00-3,00 | 2,39 ^{±0,02} | 0,40 | 4,78 ^{±0,08} | 3,10 ^{±0,03} | 4,78 ^{±0,08} | 2,50 ^{+0,10} | 3,96 ^{-0,10} |
| | GCA12M-001(*) | GCA12M-001-A176(*) | 18-16 | 0,75-1,50 | | | | | | 1,75 ^{+0,08} | |
| 8 | GCA8M | GCA8M-A176 | 8 | - | 3,60 ^{±0,03} | 0,40 | 7,95 ^{±0,08} | 6,22 ^{±0,05} | 7,95 ^{±0,08} | 4,57 ^{+0,10} | 6,75 ^{±0,10} |
| | GCA8M-001(*) | GCA8M-001-A176(*) | 10 | 6,0 | | | | | | 3,50 ^{+0,10} | |
| | GCA8M-002(*) | GCA8M-002-A176(*) | - | 10 | | | | | | 4,80 ^{+0,10} | |
| | GCA8M-003(*) | GCA8M-003-A176(*) | 14-12 | 2,00-3,00 | | | | | | 2,50 ^{+0,10} | |
| 4 | GCA4M | GCA4M-A176 | 4 | - | 5,70 ^{±0,03} | 2,50 | 11,15 ^{±0,05} | 9,52 ^{±0,05} | 11,15 ^{±0,05} | 7,10 ^{+0,15} | 9,52 ^{±0,05} |
| | GCA4M-001(*) | GCA4M-001-A176(*) | - | 16 | | | | | | 6,20 ^{+0,15} | |
| | GCA4M-002(*) | GCA4M-002-A176(*) | 6 | - | | | | | | 5,70 ^{+0,10} | |
| 0 | GCA0M | GCA0M-A176 | 0 | - | 9,05 ^{±0,02} | 6,00 | 15,00 ^{±0,08} | 13,49 ^{±0,08} | 15,00 ^{±0,05} | 11,90 ^{+0,15} | 13,90 ^{±0,08} |
| | GCA0M-001(*) | GCA0M-001-A176(*) | - | 50 | | | | | | 10,70 ^{+0,15} | |
| | GCA0M-002(*) | GCA0M-002-A176(*) | 4 | 25 | | | | | | 7,60 ^{+0,15} | |
| | GCA0M-003(*) | GCA0M-003-A176(*) | 2 | 35 | | | | | | 9,10 ^{+0,15} | |

| Kontaktgröße / Contact size / Taille de contact | Teile-Nummer Part-Number Référence | | Anschließer Leiter / Applicable wire / Section admissible | | d ₈ | l ₁ | l ₂ | l ₃ | l ₄ | l ₅ | l ₆ | l ₇ |
|---|--|---------------------|---|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Anschließer Leiter / Applicable wire / | | AWG | mm ² | | | | | | | | |
| 16S | GCA16SM | GCA16SM-A176 | 18-16 | 0,75-1,50 | 0,8 | 25,95 | 11,45 | 5,95 | 5,4 | 6,60 | 1,17 | 0,80 |
| | GCA16SM-001(*) | GCA16SM-001-A176(*) | 26-22 | 0,14-0,38 | | | | | | | | |
| | GCA16SM-002(*) | GCA16SM-002-A176(*) | 22-20 | 0,30-0,60 | | | | | | | | |
| 16 | GCA16M | GCA16M-A176 | 18-16 | 0,75-1,50 | 0,8 | 30,43 | 15,93 | 5,95 | 5,4 | 6,60 | 3,12 | 0,80 |
| | GCA16M-001(*) | GCA16M-001-A176(*) | 26-22 | 0,14-0,38 | | | | | | | | |
| | GCA16M-002(*) | GCA16M-002-A176(*) | 22-20 | 0,30-0,60 | | | | | | | | |
| 12 | GCA12M | GCA12M-A176 | 14-12 | 2,00-3,00 | 0,9 | 36,60 | 19,73 | 6,22 | 5,5 | 6,35 | 3,45 | 0,80 |
| | GCA12M-001(*) | GCA12M-001-A176(*) | 18-16 | 0,75-1,50 | | | | | | | | |
| 8 | GCA8M | GCA8M-A176 | 8 | - | 0,9 | 40,70 | 21,70 | 6,22 | 10,40 | 12,70 | 5,25 | ,080 |
| | GCA8M-001(*) | GCA8M-001-A176(*) | 10 | 6,0 | | | | | | | | |
| | GCA8M-002(*) | GCA8M-002-A176(*) | - | 10 | | | | | | | | |
| | GCA8M-003(*) | GCA8M-003-A176(*) | 14-12 | 2,00-3,00 | | | | | | | | |
| 4 | GCA4M | GCA4M-A176 | 4 | - | 0,9 | 40,70 | 22,00 | 6,22 | 9,50 | 12,70 | 4,50 | 0,950 |
| | GCA4M-001(*) | GCA4M-001-A176(*) | - | 16 | | | | | | | | |
| | GCA4M-002(*) | GCA4M-002-A176(*) | 6 | - | | | | | | | | |
| 0 | GCA0M | GCA0M-A176 | 0 | - | 1,8 | 44,45 | 24,20 | 5,70 | 12,3 | 15,90 | 6,75 | 0,80 |
| | GCA0M-001(*) | GCA0M-001-A176(*) | - | 50 | | | | | | | | |
| | GCA0M-002(*) | GCA0M-002-A176(*) | 4 | 25 | | | | | | | | |
| | GCA0M-003(*) | GCA0M-003-A176(*) | 2 | 35 | | | | | | | | |

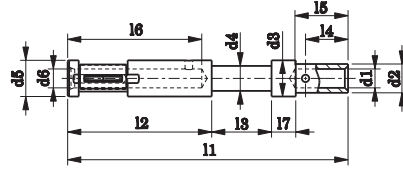
(*) Nur auf Anfrage / (*) Sur demande uniquement / (*) On request

Buchsenkontakte GCA-B
Socket contacts GCA-B
Contacts femelles GCA-B

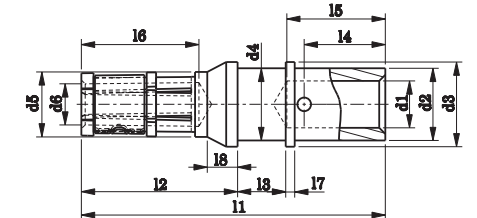
Größe / Size / Taille –
8



Größe / Size / Taille –
16S; 16; 12



Größe / Size / Taille –
4; 0



| Kontaktgröße / Contact size / Taille de contact | Teile-Nummer Part-Number Référence | | Anschließerbarer Leiter / Applicable wire / Section admissible | | d ₁ | d ₂ | d ₃ | d ₄ | d ₅ | d ₆ ±0,05 | l ₁ ±0,2 |
|--|---|--------------------------------------|--|-----------------|----------------|----------------|----------------|----------------|----------------|-------------------------|------------------------|
| | Anschließerbarer Leiter / Applicable wire / | | AWG | mm ² | | | | | | | |
| AWG | versilbert / silver plated / argenté | vergoldet / gold plated / doré | AWG | mm ² | | | | | | | |
| 16S | GCA16SF | GCA16SF-A176 | 18-16 | 0,75-1,50 | 1,72 ±0,03 | 2,60 ±0,05 | 3,10 ±0,03 | 1,70 ±0,02 | 3,10 ±0,03 | 1,73 | 26,3 |
| | GCA16SF-001(*) | GCA16SF-001-A176(*) | 26-22 | 0,14-0,38 | 0,90 +0,05 | | | | | | |
| | GCA16SF-002(*) | GCA16SF-002-A176(*) | 22-20 | 0,30-0,60 | 1,20 +0,10 | | | | | | |
| 16 | GCA16F | GCA16F-A176 | 18-16 | 0,75-1,50 | 1,72 ±0,03 | 2,60 ±0,05 | 3,18 ±0,03 | 2,08 ±0,03 | 3,18 ±0,03 | 1,73 | 34,1 |
| | GCA16F-001(*) | GCA16F-001-A176(*) | 26-22 | 0,14-0,38 | 0,90 +0,05 | | | | | | |
| | GCA16F-002(*) | GCA16F-002-A176(*) | 22-20 | 0,30-0,60 | 1,20 +0,10 | | | | | | |
| 12 | GCA12F | GCA12F-A176 | 14-12 | 2,00-3,00 | 2,50 +0,10 | 3,96 -0,10 | 4,78 ±0,08 | 3,10 ±0,03 | 4,30 ±0,05 | 2,51 | 36,9 |
| | GCA12F-001(*) | GCA12F-001-A176(*) | 18-16 | 0,75-1,50 | 1,75 +0,08 | | | | | | |
| 8 | GCA8F | GCA8F-A176 | 8 | - | 5,20 +0,10 | 6,80 ±0,10 | 7,95 ±0,05 | 6,10 ±0,05 | 7,95 ±0,05 | 3,75 | 36,9 |
| | GCA8F-001(*) | GCA8F-001-A176(*) | 10 | 6,0 | 3,50 +0,10 | | | | | | |
| | GCA8F-002(*) | GCA8F-002-A176(*) | - | 10 | 4,80 +0,10 | | | | | | |
| | GCA8F-003(*) | GCA8F-003-A176(*) | 14-12 | 2,00-3,00 | 2,50 +0,10 | | | | | | |
| 4 | GCA4F | GCA4F-A176 | 4 | - | 7,10 +0,15 | 9,50 -0,10 | 11,15 ±0,05 | 9,45 ±0,05 | 8,80 ±0,05 | 5,40 | 39,75 |
| | GCA4F-001(*) | GCA4F-001-A176(*) | - | 16 | 6,20 +0,15 | | | | | | |
| | GCA4F-002(*) | GCA4F-002-A176(*) | 6 | - | 5,70 +0,10 | | | | | | |
| 0 | GCA0F | GCA0F-A176 | 0 | - | 11,50 +0,15 | 13,90 ±0,08 | 15,00 ±0,08 | 13,50 ±0,08 | 15,00 ±0,08 | 9,20 | 44,45 |
| | GCA0F-001(*) | GCA0F-001-A176(*) | - | 50 | 10,70 +0,15 | | | | | | |
| | GCA0F-002(*) | GCA0F-002-A176(*) | 4 | 25 | 7,60 +0,15 | | | | | | |
| | GCA0F-003(*) | GCA0F-003-A176(*) | 2 | 35 | 9,10 +0,15 | | | | | | |

| Kontaktgröße / Contact size / Taille de contact | Teile-Nummer Part-Number Référence | | Anschließerbarer Leiter / Applicable wire / Section admissible | | l ₂ ±0,1 | l ₃ ±0,1 | l ₄ ±0,1 | l ₅ min. | l ₆ min. | l ₇ ±0,1 | l ₈ ±0,1 |
|--|---|--------------------------------------|--|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | Anschließerbarer Leiter / Applicable wire / | | AWG | mm ² | | | | | | | |
| AWG | versilbert / silver plated / argenté | vergoldet / gold plated / doré | AWG | mm ² | | | | | | | |
| 16S | GCA16SF | GCA16SF-A176 | 18-16 | 0,75-1,50 | 11,80 | 5,97 | 5,50 | 6,60 | 10,40 | 0,80 | - |
| | GCA16SF-001(*) | GCA16SF-001-A176(*) | 26-22 | 0,14-0,38 | | | | | | | |
| | GCA16SF-002(*) | GCA16SF-002-A176(*) | 22-20 | 0,30-0,60 | | | | | | | |
| 16 | GCA16F | GCA16F-A176 | 18-16 | 0,75-1,50 | 22,40 | 3,18 | 5,50 | 6,60 | 16,26 | 0,80 | - |
| | GCA16F-001(*) | GCA16F-001-A176(*) | 26-22 | 0,14-0,38 | | | | | | | |
| | GCA16F-002(*) | GCA16F-002-A176(*) | 22-20 | 0,30-0,60 | | | | | | | |
| 12 | GCA12F | GCA12F-A176 | 14-12 | 2,00-3,00 | 20,00 | 6,22 | 5,55 | 6,35 | 17,6 | 0,80 | - |
| | GCA12F-001(*) | GCA12F-001-A176(*) | 18-16 | 0,75-1,50 | | | | | | | |
| 8 | GCA8F | GCA8F-A176 | 8 | - | 20,04 | 6,22 | 8,00 | 12,70 | 17,6 | 1,50 | 4,50 |
| | GCA8F-001(*) | GCA8F-001-A176(*) | 10 | 6,0 | | | | | | | |
| | GCA8F-002(*) | GCA8F-002-A176(*) | - | 10 | | | | | | | |
| | GCA8F-003(*) | GCA8F-003-A176(*) | 14-12 | 2,00-3,00 | | | | | | | |
| 4 | GCA4F | GCA4F-A176 | 4 | - | 20,50 | 5,85 | 11,0 | 15,00 | 15,0 | 0,85 | 5,60 |
| | GCA4F-001(*) | GCA4F-001-A176(*) | - | 16 | | | | | | | |
| | GCA4F-002(*) | GCA4F-002-A176(*) | 6 | - | | | | | | | |
| 0 | GCA0F | GCA0F-A176 | 0 | - | 24,20 | 5,70 | 12,3 | 15,90 | 21,2 | 0,80 | 2,40 |
| | GCA0F-001(*) | GCA0F-001-A176(*) | - | 50 | | | | | | | |
| | GCA0F-002(*) | GCA0F-002-A176(*) | 4 | 25 | | | | | | | |
| | GCA0F-003(*) | GCA0F-003-A176(*) | 2 | 35 | | | | | | | |

(*) Nur auf Anfrage / (*) Sur demande uniquement / (*) On request

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