

Coupler connector - SB-8ESSA8A9L34S - 1623346

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Coupling connector, straight long, shielded: yes, for standard and SPEEDCON interlock, M40, No. of pos.: 8+4+PE, type of contact: Socket, Crimp connection, cable diameter range: 20.5 mm ... 26.5 mm

Your advantages

- All housing can be fitted with pin or socket contacts
- A total of eight contacts are available for signal transmission
- Mechanical coding reliably prevents incorrect connections
- Safe use in the field, thanks to high degree of protection
- Consistent EMC protection for reliable connection solutions in the industrial environment

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 195063
GTIN	4055626195063
Weight per Piece (excluding packing)	476.500 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Temperature range

Ambient temperature (operation)	-40 °C ... 130 °C
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Data of the insulating body

Coding	Signal, coding 1
Contact connection method	Crimp connection
Type of contacts	Socket
Application	Hybrid
Number of positions	13

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Technical data

Data of the insulating body

Contact diameter of power contacts	3.6 mm
Litz wire cross section of power contacts min.	1 mm ²
Litz wire cross section of power contacts max.	16 mm ²
Nominal current per power contact at 25°C	70 A
Rated surge voltage	6 kV
Rated voltage (II/3) power contact	850 V DC
Rated voltage (III/3) power contact	630 V AC
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.06 mm ²
Litz wire cross section of signal contacts max.	1.5 mm ²
Nominal current per signal contact at 25°C	8 A
Rated surge voltage	6 kV
Rated voltage (III/3) signal contact	500 V
Contact diameter, data contacts	1 mm
Litz wire cross section, data contacts, min.	0.06 mm ²
Litz wire cross section, data contacts, max.	1.5 mm ²
Nominal current per data contact at 25°C	8 A
Rated surge voltage	1.5 kV
Rated voltage (III/3) data contact	50 V
Degree of pollution	3

Housing data

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	for standard and SPEEDCON interlock
Degree of protection (when plugged in)	IP68/IP69K
Thread type	M40

Cable seal data

Cable diameter	20.5 mm ... 26.5 mm
Sealing material	FKM

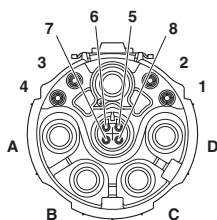
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

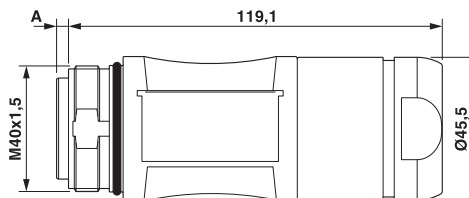
Drawings

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Schematic diagram



Dimensional drawing



Pin assignment of socket signal, coding 1

Pin version: dimension A = 3.8 mm, socket version: dimension A = 0.15 mm

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102
eCl@ss 9.0	27440102

Accessories

Accessories

Crimp contact

Crimp contact - ST-10KS010 - 1618239



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm² ... 0.25 mm²

Crimp contact - ST-10KS020 - 1618251



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.34 mm² ... 0.5 mm²

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Accessories

Crimp contact - ST-10KS030 - 1618254



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm² ... 1 mm²

Crimp contact - SB-10KS001 - 1623603



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.06 mm² ... 0.25 mm²

Crimp contact - SB-10KS002 - 1623604



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.34 mm² ... 0.5 mm²

Crimp contact - SB-10KS003 - 1623605



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.5 mm² ... 1 mm²

Crimp contact - SB-10KS004 - 1623606



Crimp contact, turned, contact diameter: 1 mm, crimp range: 1 mm² ... 1.5 mm²

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Accessories

Crimp contact - SB-36KS002 - 1623378



Crimp contact, turned, contact diameter: 3.6 mm, crimp range: 2.5 mm² ... 4 mm²

Crimp contact - SB-36KS003 - 1623379



Crimp contact, turned, Single contact, contact diameter: 3.6 mm, crimp range: 4 mm² ... 6 mm²

Crimp contact - SB-36KS004 - 1623380



Crimp contact, turned, Single contact, contact diameter: 3.6 mm, crimp range: 10 mm² ... 10 mm²

Crimp contact - SB-36KS005 - 1623381



Crimp contact, turned, Single contact, contact diameter: 3.6 mm, crimp range: 16 mm² ... 16 mm²

Mounting material

Protective cap - SM-Z0001 - 1605866



Plastic protection cap for connectors with M40 external thread

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Accessories

Color-coding - SM-Z0025 - 1620558



Color-coding, color: green

Color-coding - SM-Z0026 - 1620559



Color-coding, color: orange

Color-coding - SM-Z0027 - 1620560



Color-coding, color: black

Protective cover

Metal protective cap - SB-Z0001 - 1623827



Metal protection cap for M40 connectors with external thread
