


SACC-M 8MS-3QO-0,5-M

Order No.: 1441024

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1441024>Sensor/actuator connector, male connector, straight, 3-pos., M8, metal
knurl, maximum cable diameter of 5.0 mm**Commercial data**

EAN	 4 046356 515917
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 68 (PC-2011)

Product notesWEEE/RoHS-compliant since:
06/16/2009

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Technical data**General data**

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	3
Volume resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ

Ambient temperature (operation)	-25 °C ... 80 °C (Male connector / female connector)
General characteristics	
Standards/regulations	M8 connector IEC 61076-2-104
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/67
Torque	0.6 Nm (Pressure nut) 0.2 Nm (M8 knurl)
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	PA 6
Material, knurls	Nickel-plated brass
Connection method	Insulation displacement connection
Conductor cross section	0.25 mm ² ... 0.5 mm ²
AWG conductor cross section	24 ... 20
Wire diameter including insulation	0.75 mm ... 1.5 mm ±0.05 mm
Frequency of connections between conductors of the same cross section	10
External cable diameter	2.5 mm ... 5 mm ± 0.2 mm
Wire insulation material	PVC/PE/PP
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	Class 2-6
Status display	No
Stripping length of the sheath	40 mm

Certificates / Approvals

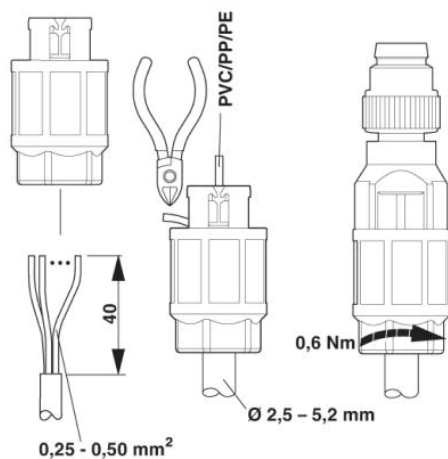
Certification CUL, GOST, UL

Accessories

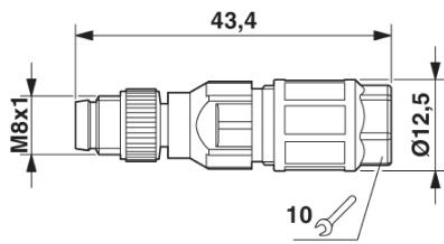
Item	Designation	Description
Cable/conductor		
1501689	SAC-3P-100,0-PUR/0,25	Cable ring, PUR halogen-free black, 3-pos., conductor colors: Brown/blue/black, cable length: 100 m
1501650	SAC-3P-100,0-PUR/0,34	Cable ring, PUR halogen-free black, 3-pos., conductor colors: Brown/blue/black, cable length: 100 m
Protection and sealing elements		
1430857	PROT-M 8 FS-PA-CHAIN	M8 sealing cap made of plastic with fixing band for sensor cables, for M8 plugs
Tools		
1208461	SAC BIT M8-D10	Nut for assembling sensor/actuator cables with M8 connector and for M8 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1208487	TSD 02 SAC	Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors
1212224	TSD-M 1,2NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm
1212600	TSD-M SAC-BIT ADAPTER	Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Diagrams/Drawings

Functional drawing

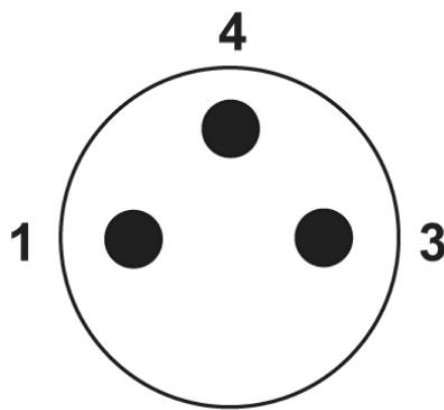


Dimensioned drawing



M8 x 1 male connector, straight version

Schematic diagram



Pin assignment M8 plug, 3-pos., view male side

Connection data incl. use groups



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