

SACC-M 8FS-4QO-0,25-M

Order No.: 1441053



Sensor/actuator connector, female connector, straight, 4-pos., M8, QUICKON-ONE, metal knurl, maximum cable diameter of 5.0 mm

Commercial data

EAN	 4 046356 515948
Pack	1
Customs tariff	85366990
Catalog page information	Page 113 (NTK-2010)

Product notes

WEEE/RoHS-compliant since:
2009-06-16



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	30 V
Number of positions	3
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Ambient temperature (operation)	-25 °C ... 80 °C (Male connector / female connector)

General characteristics

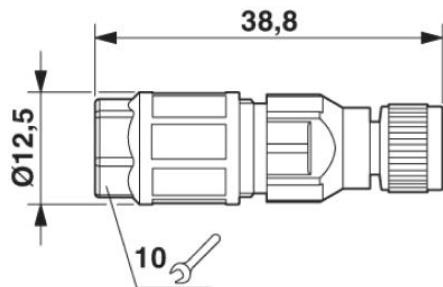
Standards/regulations	M8 connector IEC 61076-2-104
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/67
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU
Material of grip body	PA 6
Material, knurls	Zinc die-cast, (nickel-plated)
Type of connection	QUICKON fast connection
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	0.25 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	24
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

Accessories

Item	Designation	Description
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

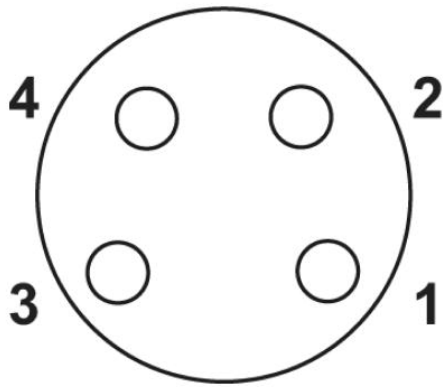
Drawings

Dimensioned drawing



Socket M8 x 1, straight

Schematic diagram



Pin assignment of M8 female connector, 4-pos., view of pin side