

SACC-M 8FS-3PCON

Order No.: 1506778

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Sensor/actuator connector, female, straight, 3-pos., M8, Piercecon[®],
metal knurl, cable diameter max. 5 mm

Commercial data

EAN	4017918892692
Pack	1 pcs.
Customs tariff	85366990
Weight/Piece	0.0159 KG
Catalog page information	Page 41 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
03/10/2006



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Technical data

General data

Nominal current I_N	4 A
Nominal voltage U_N	60 V
Number of positions	3
Volume resistance	$\leq 3 \text{ m}\Omega$

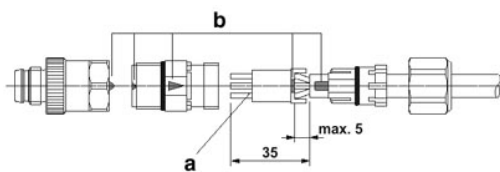
Insulation resistance	≥ 100 MΩ
Ambient temperature (operation)	-25 °C ... 90 °C (plug/socket)

General characteristics

Coding	A - standard
Inflammability class acc. to UL 94	V0
Surge voltage category	II
Pollution degree	3
Degree of protection	IP68
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material of grip body	PA 66
Material, knurls	Nickel-plated brass
Sealing material	NBR
Type of connection	Piercecon®
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	0.38 mm ²
Conductor cross section AWG/kcmil min.	22
Conductor cross section AWG/kcmil max	26
Min. diameter	3 mm
Max. diameter	5 mm
Status display	No

Drawings

Functional drawing



Assembly steps for M8 plug connector with Piercecon® connection

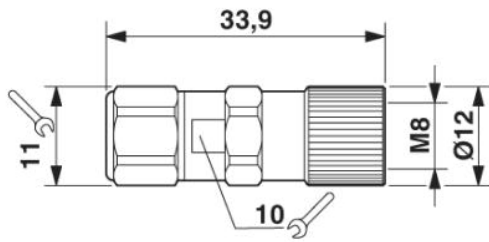
a = Cut flush

b = Coding

Strip the conductor by approx. 35 mm and slide on the union nut and cable clamp type cage. Without stripping the insulation of the individual cores, guide them into the corresponding chamber of the elastic core clamping and cut them off flush on the contact side. The coding marks must be flush when mounted.

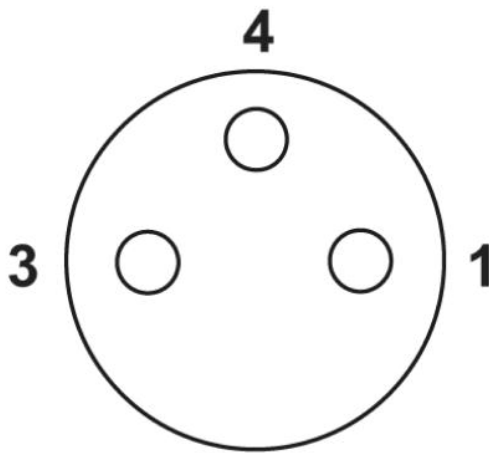
Dimensioned drawing

Socket M8 x 1, straight



Schematic diagram

Pin assignment M8 socket, 3-pos., view female side



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