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Sensor/actuator socket, straight, 5-pos., M12, A-coded, screw connection, metal knurl, cable gland Pg9 SKINTOP®

Product Features

- Safe use in the field, thanks to a high degree of protection
- Screw connection: proven connection technology for a large selection of different conductors



Key commercial data

Packing unit	11
Weight per Piece (excluding packing)	40.0 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

External diameter	6 mm 8 mm
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Ambient conditions

Ambient temperature (operation)	-20 °C 80 °C (Plug / socket)
Degree of protection	IP67

General

Rated current at 40°C	4 A
Rated voltage	125 V
Number of positions	5
Contact resistance	\leq 8 m Ω
Insulation resistance	\geq 100 M Ω
Coding	A - standard



Technical data

General

Standards/regulations	M12 connector IEC 61076-2-101	
Status display	No	
Surge voltage category	II	
Pollution degree	3	
Connection method	Screw connection	
Conductor cross section	0.25 mm² 0.75 mm²	
AWG conductor cross section	24 18	
Insertion/withdrawal cycles	≥ 100	
Torque	0.4 Nm (M12 knurl)	
	0.2 Nm (Screw terminal blocks)	
	0.8 Nm 1 Nm (Pressure screw)	
Tightening torque	Screw plug insert with sleeve housing as far it will go	
Assembly instructions	The wires can be connected both with ferrules and without ferrules	

Material

Inflammability class according to UL 94	НВ
Contact material	CuZn
Contact surface material	CuSnZn
Contact carrier material	PA 66
Material of grip body	PBT
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27279221
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104

ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062



Classifications

ETIM 5.0	EC002062	
UNSPSC		
UNSPSC 6.01	31251501	
UNSPSC 7.0901	31251501	
UNSPSC 11	31251501	
UNSPSC 12.01	31251501	
UNSPSC 13.2	31251501	

Approvals

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details



Accessories

Accessories

Cable by the meter

Sensor/Actuator cable - SAC-5P-100,0-186/0,75 - 1535590



Cable ring, PUR/PVC black, 5-pos., conductor colors: Brown/white/blue/black/gray, cable length: 100 m



Accessories

Protective cap

Screw plug - PROT-M12 MS-PA-CHAIN - 1430899

M12 sealing cap with fixing band, for sensor cables, for free M12 sockets



Screwdriver tools

Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Tool - SACC BIT M12-D20 - 1208445



Nut for assembling SACC M12 connectors for free assembly, excluding M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive

Torque tool

Torque screwdriver - TSD 04 SAC - 1208429



Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors



Accessories

Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

Drawings

Schematic diagram



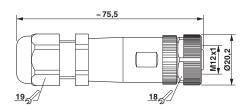
Schematic diagram



Cable connection side M12 (screw connection)

Pin assignment M12 socket, 5-pos., A-coded, socket side view

Dimensioned drawing



M12 x 1 socket, straight

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