

Connectors - SACC-M12FS-4CON-PG7-M SKIN - 1430381

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Sensor/actuator socket, straight, 4-pos., M12, A-coded, screw connection, metal knurl, cable gland Pg7 SKINTOP®

Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 71 (PC-2011)
GTIN	 4 046356 315340
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Volume resistance	≤ 8 mΩ
Insulation resistance	≥ 100 MΩ
Ambient temperature (operation)	-20 °C ... 80 °C (Male connector / female connector)

General characteristics

Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Torque	0.4 Nm (M12 knurl)
Torque	0.4 Nm (Screw terminal blocks)
Torque	0.8 Nm ... 1 Nm (Pressure screw)
Contact material	CuZn
Contact surface material	CuSnZn
Contact carrier material	PA 66
Material of grip body	PBT

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Technical data

General characteristics

Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR
Connection method	Screw connection
Conductor cross section	0.25 mm ² ... 0.75 mm ²
AWG conductor cross section	24 ... 18
External cable diameter	4 mm ... 6 mm
Status display	No

Classifications

eclass

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27279221
eCl@ss 7.0	27440104

etim

ETIM 3.0	EC002062
ETIM 4.0	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

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Approvals

Approval details



Accessories

Accessories

Cable/conductor

Sensor/Actuator cable - SAC-4P-100,0-PUR/0,25 - 1501692



Cable ring, PUR halogen-free black, 4-pos., conductor colors: brown / white / blue / black, cable length: 100 m

Sensor/Actuator cable - SAC-4P-100,0-PUR/0,34 - 1501663



Cable ring, PUR halogen-free black, 4-pos., conductor colors: brown / white / blue / black, cable length: 100 m

Sensor/Actuator cable - SAC-4P-100,0-186/0,75 - 1457461



Cable ring, PUR/PVC black, 4-pos., conductor colors: brown / white / blue / black, cable length: 100 m

Protection and sealing elements

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

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



Tools

Connectors - SACC-M12FS-4CON-PG7-M SKIN - 1430381

Accessories

Torque screwdriver - TSD 04 SAC - 1208429



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

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



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

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

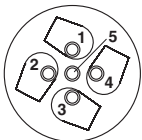
Tool - SACC BIT M12-D20 - 1208445



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

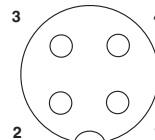
Drawings

Schematic diagram



Cable connection side M12 (screw connection)

Schematic diagram



Pin assignment M12 socket, 4-pos., A-coded, view female side

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Dimensioned drawing

