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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Plug-in connector - SACC-M12MR-5CON-PG11-DUO - 1531044

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Sensor/actuator connector, male, angled, 5-pos., M12, A-coded, screw connection, plastic knurl, cable screw connection Pg11-DUO

Product Features

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Flexible: plug-in connectors for on-site assembly
- ✓ Screw connection: proven connection technology for a large selection of different conductors
- ✓ Save space: connect two sensors to one plug-in connector with a multiple grommet



Key commercial data

Packing unit	1 PCE
Catalog page	Page 74 (PC-2011)
GTIN	 4 017918 986438
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 8 mΩ
Insulation resistance	≥ 100 MΩ
Ambient temperature (operation)	-25 °C ... 85 °C

General characteristics

Standards/regulations	M12 plug-in connector IEC 61076-2-101
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Technical data

General characteristics

Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
Torque	0.3 Nm ... 0.4 Nm (Pressure screw for outer cable diameter 3 mm ... 4 mm)
Torque	0.8 Nm ... 1 Nm (Pressure screw for outer cable diameter 4 mm ... 8 mm)
Torque	0.2 Nm (Screw terminal blocks)
Contact material	CuZn
Contact surface material	CuSnZn
Contact carrier material	PA 66
Material of grip body	PBT
Material, knurls	Plastic
Sealing material	NBR
Connection method	Screw connection
Conductor cross section	0.25 mm² ... 0.75 mm²
AWG conductor cross section	24 ... 18
Assembly instructions	The connector pin assignment can be rotated 90° to the cable outlet
Assembly instructions	The wires can be connected both with ferrules and without ferrules
External cable diameter	3 mm ... 5.2 mm (2x)
Status display	No

Classifications

ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501
UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501

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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

Approvals

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details

GOST 

Accessories

Accessories

Cable/conductor

Sensor/Actuator cable - SAC-3P-100,0-PUR/0,25 - 1501689



Cable ring, PUR halogen-free black, 3-pos., conductor colors: Brown/blue/black, cable length: 100 m

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Accessories

Cable ring - SAC-3P-100,0-PUR/0,34 - 1501650



Cable ring, PUR halogen-free black, 3-pos., conductor colors: Brown/blue/black, cable length: 100 m

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-5P-100,0-PUR/0,34 - 1501676



Cable ring, PUR halogen-free black, 5-pos., conductor colors: Brown/white/blue/black/green-yellow, cable length: 100 m

Protection and sealing elements

Sealing cap - PROT-M12 FS-PA-CHAIN - 1430873

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



Plug-in connector - SACC-M12MR-5CON-PG11-DUO - 1531044

Accessories

Tools

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

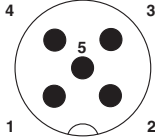


Nut for assembling SACC M12 connectors for free assembly, excluding M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive

Drawings

Plug-in connector - SACC-M12MR-5CON-PG11-DUO - 1531044

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

Dimensioned drawing

