

Connector - SACC-M12FS-5CON-PG11-DUO VA - 1403372

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Connector, 5-position, Socket straight M12, A-coded, Screw connection, knurl material: Stainless steel 1.4404, cable gland Pg11-DUO, external cable diameter 2.1 mm ... 3 mm / 4 mm ... 5.2 mm

Your advantages

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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 649391
GTIN	4046356649391

Technical data

Dimensions

Diameter housing	20 mm
Length	58 mm
External cable diameter	2x 2.1 mm ... 3 mm (when using the seal for small outer cable diameters)
	2x 4 mm ... 5.2 mm (when using the seal for large outer cable diameters)
Stripping length of the sheath	20 mm
Stripping length of the individual wire	5 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

General

Rated current at 40°C	4 A
-----------------------	-----

Connector - SACC-M12FS-5CON-PG11-DUO VA - 1403372

Technical data

General

Rated voltage	48 V AC
	60 V DC
Number of positions	5
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Screw connection
Conductor cross section	0.25 mm² ... 0.75 mm² (without ferrule)
	0.14 mm² ... 0.75 mm² (with ferrule)
	0.25 mm² ... 0.75 mm² (solid)
Conductor cross section AWG	24 ... 18 (without ferrule)
	26 ... 20 (with ferrule)
Torque	0.4 Nm (M12 knurl)
	0.8 Nm ... 1 Nm
	0.2 Nm (Screw terminal blocks)
Tightening torque	Screw plug insert with sleeve housing as far it will go
Assembly instructions	This connector includes one seal for small and one seal for large outer cable diameters.

Material

Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material of grip body	PA
Material, knurls	Stainless steel 1.4404
Sealing material	NBR

Cable

Standards/specifications	M12 connector IEC 61076-2-101
--------------------------	-------------------------------

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101

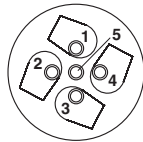
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 25;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

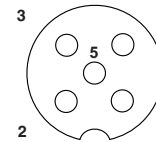
Connector - SACC-M12FS-5CON-PG11-DUO VA - 1403372

Schematic diagram



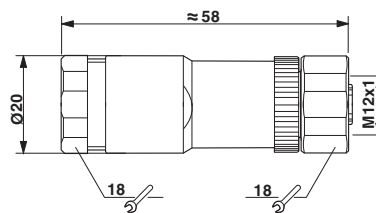
Cable connection side M12 (screw connection)

Schematic diagram



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

Dimensional drawing



M12 x 1 socket, straight

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>