



Automatización Eléctrica
Especialistas en Automatización

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Connector - SACC-M12MR-5CON-PG 7 - 1662269

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Sensor/actuator connector, male, angled, 5-pos., M12, A-coded, screw connection, plastic knurl, cable screw connection Pg7

Why buy this product

- 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

Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 100452
Sales Key	02

Technical data

Dimensions

External cable diameter	4 mm ... 6 mm
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Ambient conditions

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

General

Rated current at 40°C	4 A
Rated voltage	60 V
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

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Technical data

General

Conductor cross section AWG	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 connector pin assignment can be rotated 90° to the cable outlet
	The wires can be connected both with ferrules and without ferrules

Material

Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	CuSnZn
Contact carrier material	PA
Material of grip body	PBT
Material, knurls	Plastic
Sealing material	NBR

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Connection in acc. with standard	CUL
Flammability rating according to UL 94	HB

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
eCl@ss 9.0	27440102

ETIM

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

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Classifications

UNSPSC

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

Approvals

Approvals


Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 

EAC

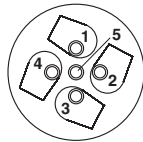
EAC

cULus Recognized 

Drawings

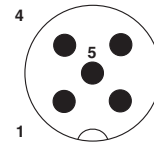
Connector - SACC-M12MR-5CON-PG 7 - 1662269

Schematic diagram



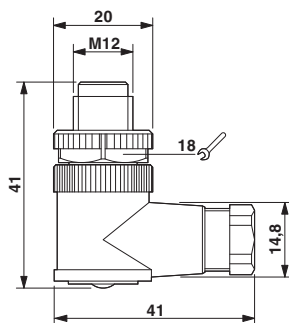
Cable connection side M12 (screw connection)

Schematic diagram



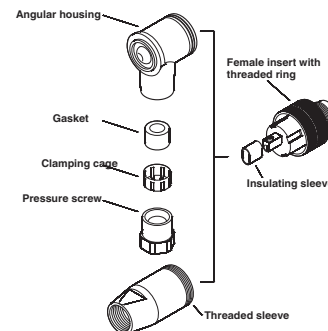
Pin assignment, plug M 12 (male side)

Dimensional drawing



M12 x 1 male plug, angled

Schematic diagram



Male/Female M12

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

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Product	Code	Reference	Product link
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