

Connector - SACC-M12MS-4CON-PG11-DUO-M - 1507052

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Connector, 4-position, Plug straight M12, A-coded, Screw connection, Knurl material: Zinc die-cast, nickel-plated, Cable gland Pg11-DUO, External cable diameter 2.1 mm ... 3 mm / 4 mm ... 5.2 mm

Product Features

- 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
Weight per Piece (excluding packing)	28.82 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

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)

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	250 V
Number of positions	4
Insulation resistance	≥ 100 MΩ

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Technical data

General

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
Conductor cross section AWG	24 ... 18
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
	0.3 Nm ... 0.4 Nm (Pressure screw for external cable diameter of 2.1 mm ... 3 mm)
	0.8 Nm ... 1 Nm (Pressure screw for outer cable diameter 4 mm ... 8 mm)
	0.2 Nm (Screw terminal blocks)
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
	This connector includes one seal for small and one seal for large outer cable diameters.

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	CuSnZn
Contact carrier material	PA
Material of grip body	PA
Material, knurls	Zinc die-cast, nickel-plated
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	V0

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815

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Classifications

eCl@ss

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

UNSPSC

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

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized 	
Nominal current I _N	4 A
Nominal voltage U _N	250 V

cUL Recognized 	
Nominal current I _N	4 A
Nominal voltage U _N	250 V

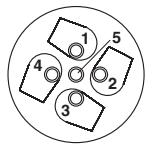
EAC

EAC

cULus Recognized 
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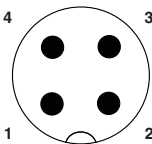
Drawings

Schematic diagram



Cable connection side M12 (screw connection)

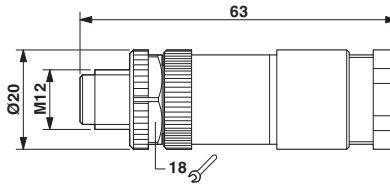
Schematic diagram



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

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Dimensional drawing



M12 x 1 plug, straight