

Connector - SACC-M12FS-4CON-PG11-M PWR - 1404416

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Connector, 4-position, Socket straight M12, A-coded, Screw connection, Knurl material: Zinc die-cast, nickel-plated, Cable gland Pg11, External cable diameter 8 mm ... 10 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



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	20.0 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

External diameter	8 mm ... 10 mm
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Ambient conditions

Degree of protection	IP67
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General

Note	Strip 22 mm off the cable sheath, strip 7 mm off the conductor insulation, crimp the ferrule, then shorten this to 5 mm. Length of conductor with shortened ferrule: 20 mm. Connect conductors and tighten the mounting screws with 0.2 Nm.
Rated current at 40°C	8 A
Rated voltage	250 V
Number of positions	4
Contact resistance	≤ 3 mΩ

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Technical data

General

Insulation resistance	> 10 GΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Screw connection
Conductor cross section	1.5 mm ²
AWG conductor cross section	16
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
	1 Nm ... 1.4 Nm (Pressure nut with coupling sleeve)
	0.4 Nm (Connector with coupling sleeve)
	0.2 Nm (Screw terminal blocks)
Assembly instructions	The wires can be connected both with ferrules and without ferrules

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material of grip body	PA
Material, knurls	Zinc die-cast, nickel-plated

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

ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062

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Classifications

ETIM

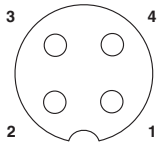
ETIM 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

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

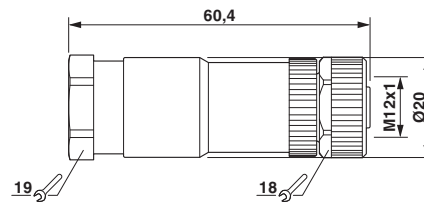
Drawings

Schematic diagram



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

Dimensioned drawing



M12 x 1 socket, straight