

Connector - SACC-M12MS-8CON-PG11-M - 1410666

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


The figure shows the version with Pg9 screw connection

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 pc
GTIN	 4 046356 904650
Weight per Piece (excluding packing)	22.22 g
Custom tariff number	85366990
Country of origin	Germany
Product key	BF2CAA

Technical data

Dimensions

External cable diameter	8 mm ... 10 mm
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	2 A
Rated voltage	30 V

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Technical data

General

Number of positions	8
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 mm ² ... 0.5 mm ²
Conductor cross section AWG	24 ... 20
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl) 0.2 Nm (Screw terminal blocks) 0.8 Nm ... 1 Nm (Pressure screw with sleeve housing)
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

Material

Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	Au
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
Flammability rating according to UL 94	HB

Classifications

eCl@ss

eCl@ss 4.1	27250313
eCl@ss 5.1	27260701
eCl@ss 6.0	27279221
eCl@ss 8.0	27440104
eCl@ss 9.0	27440102

ETIM

ETIM 4.0	EC002062
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Classifications

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ETIM 5.0	EC002062
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Approvals

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EAC

Ex Approvals

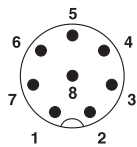
Approvals submitted

Approval details

EAC

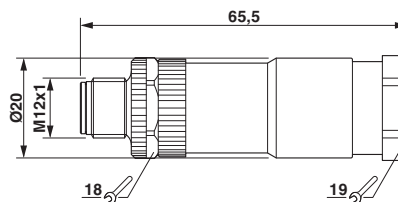
Drawings

Schematic diagram



Pin assignment M12 plug, 8-pos., A-coded, view plug side

Dimensional drawing



M12 x 1 plug, straight
