

## 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

### 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

RoHS

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 904650
GTIN	4046356904650

### Technical data

#### Dimensions

Diameter housing	20 mm
Length	65.5 mm
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 DC
	30 V AC

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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 mm² ... 0.5 mm² (without ferrule)
	0.14 mm² ... 0.34 mm² (with ferrule)
	0.25 mm² ... 0.5 mm² (solid)
Conductor cross section AWG	24 ... 20 (without ferrule)
	26 ... 22 (with ferrule)
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
	0.2 Nm (Screw terminal blocks)
	1.5 Nm ... 2 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

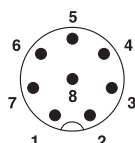
### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

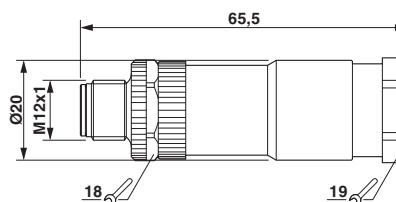
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Schematic diagram



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

Dimensional drawing



Plug, M12 x 1, straight

### Approvals

#### Approvals

Approvals

EAC

Ex Approvals

#### Approval details

EAC



EAC-Zulassung

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