

## Connector - SACC-M12MR-5CON-PG 9-SH ADH - 1411893

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Connector, 5-pos., shielded, angled M12 plug, A-coded, screw connection with pin screws, knurl material: brass, nickel-plated, Pg9 cable gland, outer cable diameter of 6 mm ... 8 mm




### Your advantages

- ✓ 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
- ✓ Reliable signal transmission - 360° shielding in environments with electromagnetic interference

RoHS

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 944632
GTIN	4046356944632

### Technical data

#### Dimensions

External cable diameter	6 mm ... 8 mm
Stripping length of the sheath	40 mm
Stripping length of the individual wire	5 mm

#### General

Rated current at 40°C	4 A
Rated voltage	60 V DC
	48 V AC
Number of positions	5
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No

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## Technical data

### General

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) 0.2 Nm (Screw terminal blocks) 0.8 Nm ... 1 Nm (Pressure nut with coupling sleeve)
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 The connector pin assignment can be rotated 90° to the cable outlet

### Material

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

### Cable

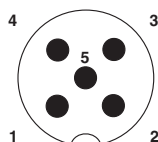
Standards/specifications	M12 connector IEC 61076-2-101
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### Standards and Regulations

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

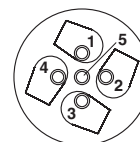
## Drawings

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

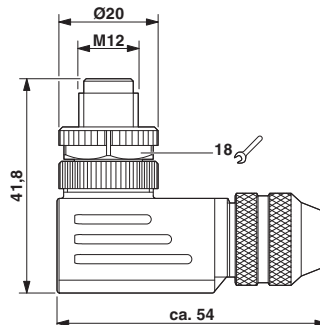
Schematic diagram



Cable connection side M12 (screw connection)

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Dimensional drawing



M12 x 1 male plug, angled, shielded

### Approvals

Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC



EAC-Zulassung

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