

## Connector - SACC-M12MR-5PL - 1424688

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Connector, 5-position, Plug angled M12, A-coded, Push-in connection, knurl material: Plastic, external cable diameter 4 mm ... 8 mm



### Why buy this product

- Easy and tool-free connection by means of Push-in Technology
- Conveniently connect stranded conductors, thanks to lever
- Reliable and quick connection of electric cables
- Flexible signal and data cabling
- Flexible cable outlets with angled connectors
- Easy and tool-free connection by means of Push-in Technology
- Quick and easy installation, thanks to Push-in connection technology

 RoHS

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 376158
GTIN	4055626376158

### Technical data

#### Dimensions

Diameter housing	19 mm
Length	51 mm
External cable diameter	4 mm ... 8 mm
Stripping length of the sheath	31 mm
Stripping length of the individual wire	8 mm

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)
Degree of protection	IP65
	IP67

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## Technical data

### General

Rated current at 40°C	4 A
Rated voltage	60 V DC
	48 V AC
Number of positions	5
Color handle area	black
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	Push-in connection
Conductor cross section	0.14 mm² ... 0.75 mm² (without ferrule) 0.08 mm² ... 0.5 mm² (with ferrule) 0.14 mm² ... 0.75 mm² (solid)
Conductor cross section AWG	26 ... 18 (without ferrule) 28 ... 20 (with ferrule)
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl) 0.4 Nm (Connector with coupling sleeve) 1.5 Nm (Pressure nut with coupling sleeve)
Assembly instructions	The connector pin assignment can be rotated 45° to the cable outlet The wires can be connected both with ferrules and without ferrules

### Material

Flammability rating according to UL 94	V0
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA 6.6
Material of grip body	PA 6.6
Material, knurls	Plastic
Sealing material	NBR

### Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

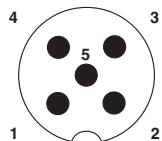
### Environmental Product Compliance

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

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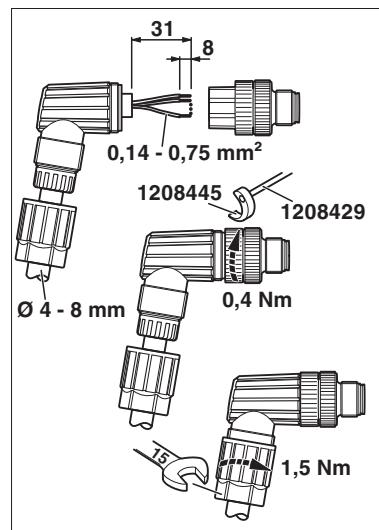
### Drawings

Schematic diagram

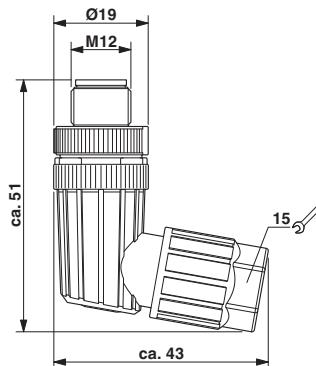


Pin assignment M12 male connector, 5-pos., A-coded, male side

Functional drawing



Dimensional drawing



M12 x 1 male plug, angled

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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#### Approval details

## Connector - SACC-M12MR-5PL - 1424688

### Approvals

EAC



EAC-Zulassung

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