

## Connector - SACC-M12FS-5PL - 1424689

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Connector, 5-position, Socket straight 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
- Easy and tool-free connection by means of Push-in Technology
- Quick and easy installation, thanks to Push-in connection technology

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 376165
GTIN	4055626376165

### Technical data

#### Dimensions

Diameter housing	19 mm
Length	58 mm
External cable diameter	4 mm ... 8 mm
Stripping length of the sheath	24 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

#### General

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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 mm <sup>2</sup> ... 0.75 mm <sup>2</sup> (without ferrule)
	0.08 mm <sup>2</sup> ... 0.5 mm <sup>2</sup> (with ferrule)
	0.14 mm <sup>2</sup> ... 0.75 mm <sup>2</sup> (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 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

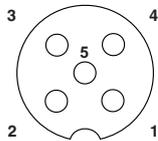
### Environmental Product Compliance

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

## Drawings

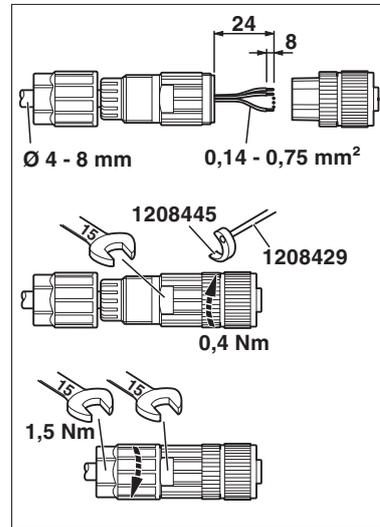
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Schematic diagram

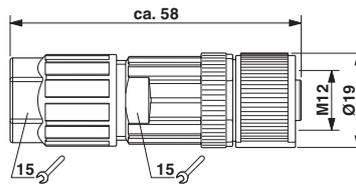


Pin assignment M12 socket, 5-pos., A-coded, socket side view

Functional drawing



Dimensional drawing



M12 x 1 socket, straight

## Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC



EAC-Zulassung

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