



**Automatización Eléctrica**  
Especialistas en Automatización

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## Connector - SACC-M12FS-4CON-PG7 - 1681114

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Connector, 4-position, Socket straight M12, A-coded, Screw connection, Knurl material: Plastic, Cable gland Pg7, External cable diameter 4 mm ... 6 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

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 157463
Sales Key	02

### Technical data

#### Dimensions

External cable diameter	4 mm ... 6 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	4 A
Rated voltage	250 V
Number of positions	4
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

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## Technical data

### General

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 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	CuSnZn
Contact carrier material	PA 66
Material of grip body	PBT
Material, knurls	Plastic
Sealing material	NBR

### 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

## Classifications

### eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27279221
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104
eCl@ss 9.0	27440102

### ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062

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### Classifications

#### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

### Approvals

#### Approvals


##### Approvals


UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

##### Ex Approvals

##### Approvals submitted

#### Approval details

UL Recognized 	
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	250 V

cUL Recognized 	
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	250 V

EAC
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EAC
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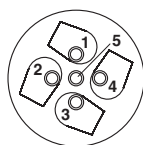
## Connector - SACC-M12FS-4CON-PG7 - 1681114

### Approvals

cULus Recognized  US

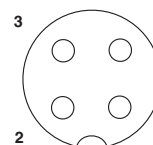
### Drawings

Schematic diagram



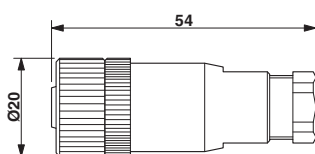
Cable connection side M12 (screw connection)

Schematic diagram



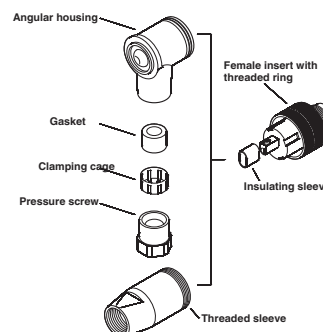
Pin assignment M12 socket, 4-pos., A-coded, view female side

Dimensional drawing



M12 x 1 socket, straight

Schematic diagram



Male/Female M12

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Product	Code	Reference	Product link
Connector, 4-position, Socket straight M12, A-coded, Screw connection, Knurl material: Plastic, Cable gland Pg7, External cable diameter 4 mm ... 6 mm	1681114	SACC-M12FS-4CON-PG7	<a href="#">Buy on EAN</a>