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# Connector - SACC-M12FR-4CON-PG 7-VA - 1553284

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Sensor/actuator connector, female, angled, 4-pos., M12, screw connection, high-grade steel knurl, cable screw connection Pg7

## 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 046356 170208

## Technical data

### Dimensions

External cable diameter	4 mm ... 6 mm
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### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP65
	IP67
	IP69K

### 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
Connection method	Screw connection

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## Technical data

### General

Conductor cross section	0.25 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>
Conductor cross section AWG	24 ... 18
Insertion/withdrawal cycles	≥ 100
Torque	0.8 Nm ... 1 Nm (Pressure screw)
	0.2 Nm (Screw terminal blocks)
Tightening torque	Screw plug insert with sleeve housing as far it will go
Assembly instructions	The connector pin assignment can be rotated 90° 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	CuZn
Contact surface material	Au
Contact carrier material	PA
Material of grip body	PBT
Material, knurls	High-grade steel
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	V0

## Classifications

### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27279221
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104

### ETIM

ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062

### UNSPSC

UNSPSC 6.01	31251501
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## Classifications

### UNSPSC

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 IN	4 A
Nominal voltage UN	250 V

cUL Recognized 	
Nominal current IN	4 A
Nominal voltage UN	250 V

EAC
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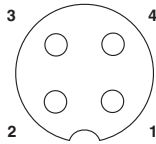
EAC
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cULus Recognized 
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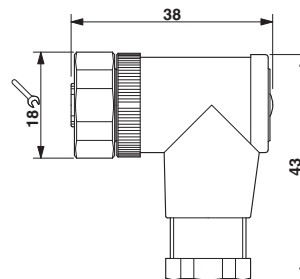
### Drawings

Schematic diagram



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

Dimensional drawing



M12 x 1 socket, angled

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Product	Code	Reference	Product link
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