

## Connector - SACC-M 8FR-4CON-M-SW - 1407584

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Connector, 4-position, Socket angled M8, A-coded, Screw connection, knurl material: Nickel-plated brass, external cable diameter 3.5 mm ... 5 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

RoHS

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 780049
GTIN	4046356780049

### Technical data

#### Dimensions

Diameter housing	13 mm
Length	42 mm
External cable diameter	3.5 mm ... 5 mm
Stripping length of the sheath	12 mm
Stripping length of the individual wire	4 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	30 V AC
	30 V DC

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## Technical data

### General

Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Overvoltage category	III
Degree of pollution	3
Connection method	Screw connection
Conductor cross section	0.14 mm² ... 0.5 mm² (without ferrule)
	0.14 mm² ... 0.5 mm² (with ferrule)
	0.14 mm² ... 0.5 mm² (solid)
Conductor cross section AWG	26 ... 20 (without ferrule)
Insertion/withdrawal cycles	≥ 100
Torque	0.2 Nm (M8 knurl)
	0.5 Nm (Connector with coupling sleeve)
	0.3 Nm ... 0.4 Nm (Pressure screw for outer cable diameter 3 mm ... 4 mm)
	0.8 Nm ... 1 Nm (Pressure screw in the case of external cable diameter 4 mm ... 5 mm)
	0.1 Nm (Screw terminal blocks)
Assembly instructions	The wires can be connected both with ferrules (without insulation) and without ferrules.
	The connector pin assignment can be rotated 180° 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	PBT
Material, knurls	Nickel-plated brass
Sealing material	NBR

### Standards and Regulations

Standard designation	M8 connector
Standards/regulations	IEC 61076-2-104
Flammability rating according to UL 94	HB

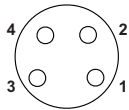
### Environmental Product Compliance

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

## Drawings

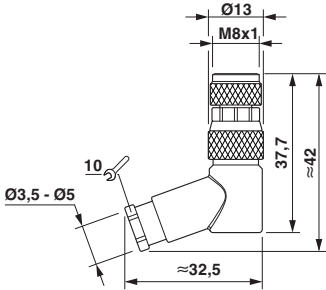
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Schematic diagram



Pin assignment M8 socket, 4-pos., view female side

Dimensional drawing



Socket M8 x 1, angled

Approvals

Approvals

Approvals


EAC / EAC / UL Listed / cUL Listed / cULus Listed


Ex Approvals

Approval details

EAC		7500651.22.01.00246
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EAC		EAC-Zulassung
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UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
Nominal current I <sub>N</sub>		4 A	
Nominal voltage U <sub>N</sub>		30 V	

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
Nominal current I <sub>N</sub>		4 A	

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### Approvals

Nominal voltage UN	30 V
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cULus Listed



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