

Connector - SACC-M 8FR-4CON-SH - 1436482

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Connector, 4-position, shielded, Socket angled M8, A-coded, Solder 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
- ✓ Reliable signal transmission - 360° shielding in environments with electromagnetic interference

RoHS

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

External cable diameter	3.5 mm ... 5 mm
Stripping length of the sheath	30 mm
Stripping length of the individual wire	3 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
Number of positions	4

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Technical data

General

Insulation resistance	$\geq 100 \text{ M}\Omega$
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Solder connection
Conductor cross section	0.08 mm ² ... 0.25 mm ²
Conductor cross section AWG	28 ... 22
Insertion/withdrawal cycles	≥ 100
Torque	0.2 Nm (M8 knurl)
Assembly instructions	The connector pin assignment can be rotated 90° 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	Nickel-plated brass
Material, knurls	Nickel-plated brass
Sealing material	NBR

Cable

Standards/specifications	M8 connector IEC 61076-2-104
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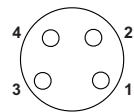
Standards and Regulations

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

Drawings

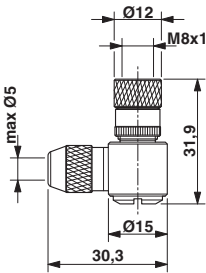
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Schematic diagram



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

Dimensional drawing



Socket M8 x 1, angled, shielded

Approvals

Approvals

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

Ex Approvals

Approval details

EAC 7500651.22.01.00246

EAC EAC-Zulassung

UL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 221474	
Nominal current IN	4 A
Nominal voltage UN	30 V

cUL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 221474	
Nominal current IN	4 A

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Approvals

Nominal voltage UN	30 V

cULus Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>