

Connector - SACC-M 8FR-3CON-SH - 1436479

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Connector, 3-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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 436403
Weight per Piece (excluding packing)	26.96 g
Custom tariff number	85366990
Country of origin	Germany
Product key	BF2BJA
Note	Made to Order (non-returnable)

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	60 V

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Technical data

General

Number of positions	3
Insulation resistance	≥ 100 MΩ
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

Standards and Regulations

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

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
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC002062
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Classifications

ETIM

ETIM 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

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

Approvals

Approvals

Approvals

EAC / EAC / UL Recognized / cUL Recognized

Ex Approvals

Approvals submitted

Approval details

EAC

EAC

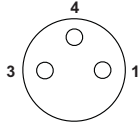
UL Recognized	
Nominal current IN	4 A
Nominal voltage UN	60 V

cUL Recognized	
Nominal current IN	4 A
Nominal voltage UN	60 V

Drawings

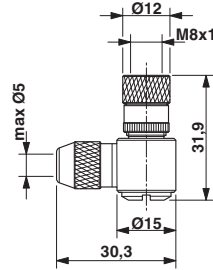
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Schematic diagram



Pin assignment M8 socket, 3-pos., view female side

Dimensional drawing



Socket M8 x 1, angled, shielded