

## Connector - SACC-M 8FR-3CON-M - 1529399

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Connector, 3-position, 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



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 978570
Weight per Piece (excluding packing)	7.1 g
Custom tariff number	85366990
Country of origin	Germany
Product key	BF2BIA

### Technical data

#### Dimensions

External cable diameter	3.5 mm ... 5 mm
Stripping length of the sheath	12 mm
Stripping length of the individual wire	3 mm

#### Ambient conditions

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

#### General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	3
Insulation resistance	≥ 100 MΩ

# Connector - SACC-M 8FR-3CON-M - 1529399

## Technical data

### General

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 <sup>2</sup> ... 0.25 mm <sup>2</sup>
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	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

## 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

# Connector - SACC-M 8FR-3CON-M - 1529399

## Classifications

### ETIM

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
-----

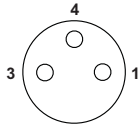
UL Recognized	
Nominal current IN	4 A
Nominal voltage UN	60 V

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

## Drawings

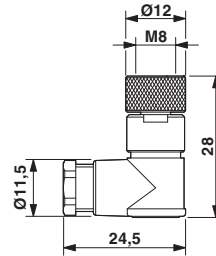
## Connector - SACC-M 8FR-3CON-M - 1529399

Schematic diagram



Pin assignment M8 socket, 3-pos.

Dimensional drawing



Socket M8 x 1, angled