

## Connector - SACC-M 8FR-3CON-M-SW - 1407582

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, 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



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 780025
Weight per Piece (excluding packing)	10.17 g
Custom tariff number	85366990
Country of origin	Germany
Product key	BF2BAA

### Technical data

#### Dimensions

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
Degree of protection	IP67

#### General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	3

# Connector - SACC-M 8FR-3CON-M-SW - 1407582

## Technical data

### General

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	Screw connection
Conductor cross section	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
Conductor cross section AWG	26 ... 20
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

### Classifications

#### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27279221

# Connector - SACC-M 8FR-3CON-M-SW - 1407582

## Classifications

### eCl@ss

eCl@ss 7.0	27440104
eCl@ss 8.0	27440104
eCl@ss 9.0	27440102

### ETIM

ETIM 3.0	EC000754
ETIM 4.0	EC002062
ETIM 5.0	EC002062

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals

---

#### Approvals

EAC / EAC / UL Recognized / cUL Recognized

---

#### Ex Approvals

---

#### Approvals submitted

---

## Approval details

EAC
-----

EAC
-----

UL Recognized	
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	60 V

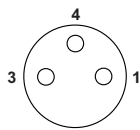
# Connector - SACC-M 8FR-3CON-M-SW - 1407582

## Approvals

cUL Recognized	
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	60 V

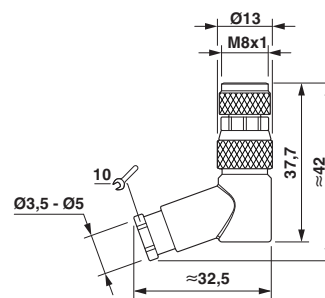
## Drawings

Schematic diagram



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

Dimensional drawing



Socket M8 x 1, angled