

## Connector - SACC-M 8MS-3PCON CX - 1404599

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>)




Sensor/actuator connector, male, straight, 3-pos., M8, Piercecon<sup>®</sup>, metal knurl, cable diameter max. 5 mm

### Your advantages

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Flexible: connectors for on-site assembly
- ✓ Piercecon<sup>®</sup> connection: maximum contact density in a connector that can be assembled

RoHS

### Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 046356 703246
GTIN	4046356703246

### Technical data

#### Dimensions

Length	35.4 mm
External cable diameter	3 mm ... 5 mm
Stripping length of the sheath	35 mm

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP68

#### General

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

# Connector - SACC-M 8MS-3PCON CX - 1404599

## 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	Piercecon® fast connection
Conductor cross section	0.14 mm² ... 0.38 mm²
Conductor cross section AWG	22 ... 26
Wire diameter including insulation	1 mm ... 1.3 mm (Black wire clamping for 0.14 mm² ... 0.25 mm²)
	1.3 mm ... 1.6 mm (White wire clamping for 0.25 mm² ... 0.38 mm²)
Insertion/withdrawal cycles	≥ 100
Torque	0.5 Nm (Pressure nut with coupling sleeve)
	0.8 Nm (Connector with coupling sleeve)
	0.2 Nm (M8 knurl)

### Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 6.6
Material of grip body	PA 6.6
Material, knurls	Nickel-plated brass
Sealing material	NBR

### Cable

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

### Standards and Regulations

Standard designation	M8 connector
Standards/regulations	IEC 61076-2-104
Flammability rating according to UL 94	V0

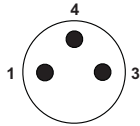
### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

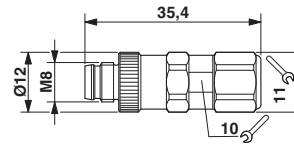
## Connector - SACC-M 8MS-3PCON CX - 1404599

Schematic diagram



Pin assignment M8 plug, 3-pos., view male side

Dimensional drawing



M8 x 1 male plug, straight version

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>