

## Connector - SACC-M 8MS-3CON-M - 1681156

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Connector, 3-position, Plug straight M8, A-coded, Solder connection, knurl material: Nickel-plated brass, external cable diameter 3.5 mm ... 5 mm

### Your advantages

- ✓ 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 157500
GTIN	4017918157500
Weight per Piece (excluding packing)	8.650 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Diameter housing	12 mm
Length	45 mm
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
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## Technical data

### General

Rated voltage	48 V AC
	60 V DC
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 <sup>2</sup> ... 0.25 mm <sup>2</sup> (flexible)
	0.08 mm <sup>2</sup> ... 0.25 mm <sup>2</sup> (solid)
Conductor cross section AWG	28 ... 24 (flexible)
	28 ... 24 (solid)
Insertion/withdrawal cycles	≥ 100
Torque	0.2 Nm (M8 knurl)

### 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

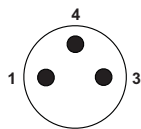
### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

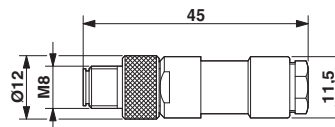
## Drawings

# Connector - SACC-M 8MS-3CON-M - 1681156

Schematic diagram



Dimensional drawing



Pin assignment M8 male connector, 3-pos.

M8 x 1 male plug, straight version

## Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27279200
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
ETIM 5.0	EC002062
ETIM 6.0	EC002062

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

## Approvals

Approvals

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UL Listed / cUL Listed / EAC / cULus Listed

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## Approvals

Ex Approvals

### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
Nominal voltage UN		60 V	
Nominal current IN		4 A	

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
Nominal voltage UN		60 V	
Nominal current IN		4 A	

EAC		RU C- DE.AI30.B.01102
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cULus Listed	
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