

# Connector - SACC-M 8MS-3CON-M-SW - 1501252

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Connector, 3-position, Plug straight M8, A-coded, Screw connection, Knurl material: Nickel-plated brass, External cable diameter 3.5 mm ... 5 mm

## Product Features

- ✓ 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

package_quantity	1
GTIN	4017918612795

## Technical data

### Dimensions

External 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 (Plug / socket)
Degree of protection	IP67

### General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	3
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Screw connection
Conductor cross section	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
AWG conductor cross section	26 ... 20

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### Technical data

#### General

<b>Insertion/withdrawal cycles</b>	≥ 100
<b>Torque</b>	0.2 Nm (M8 knurl)
<b>Torque</b>	0.5 Nm (Connector with coupling sleeve)
<b>Torque</b>	0.3 Nm ... 0.4 Nm (Pressure screw for outer cable diameter 3 mm ... 4 mm)
<b>Torque</b>	0.8 Nm ... 1 Nm (Pressure screw in the case of external cable diameter 4 mm ... 5 mm)
<b>Torque</b>	0.1 Nm (Screw terminal blocks)
<b>Assembly instructions</b>	The wires can be connected both with ferrules (without insulation) and without ferrules.

#### Material

<b>Inflammability class according to UL 94</b>	HB
<b>Contact material</b>	CuZn
<b>Contact surface material</b>	Au
<b>Contact carrier material</b>	PA
<b>Material of grip body</b>	PBT
<b>Material, knurls</b>	Nickel-plated brass
<b>Sealing material</b>	NBR

### classifications

#### eCl@ss

<b>eCl@ss 4.0</b>	27140815
<b>eCl@ss 4.1</b>	27140815
<b>eCl@ss 5.0</b>	27260701
<b>eCl@ss 5.1</b>	27260701
<b>eCl@ss 6.0</b>	27279221
<b>eCl@ss 7.0</b>	27440104
<b>eCl@ss 8.0</b>	27440104

#### ETIM

<b>ETIM 2.0</b>	EC001121
<b>ETIM 3.0</b>	EC002062
<b>ETIM 4.0</b>	EC002062
<b>ETIM 5.0</b>	EC002062

#### UNSPSC

<b>UNSPSC 6.01</b>	31251501
<b>UNSPSC 7.0901</b>	31251501
<b>UNSPSC 11</b>	31251501
<b>UNSPSC 12.01</b>	31251501
<b>UNSPSC 13.2</b>	31251501

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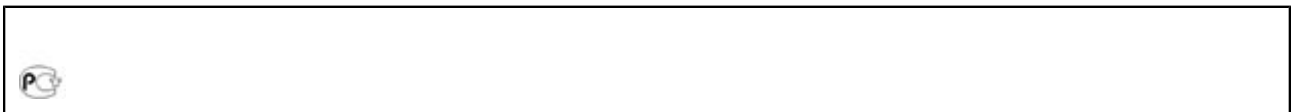
## approvals

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GOST / GOST /

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### Approval details



## accessories

### Seal

SACC-M 8-SET/2,2-3,5 - 1436945



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### Torque tool

TSD 02 SAC - 1208487



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TSD-M 1,2NM - 1212224



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### Screwdriver tools

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### accessories

SACC BIT M8-D12 - 1208474



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TSD-M SAC-BIT ADAPTER - 1212600



### Protective cap

PROT-M 8 FS-PA-CHAIN - 1430857



### Cable by the meter

SAC-3P-100,0-PUR/0,25 - 1501689



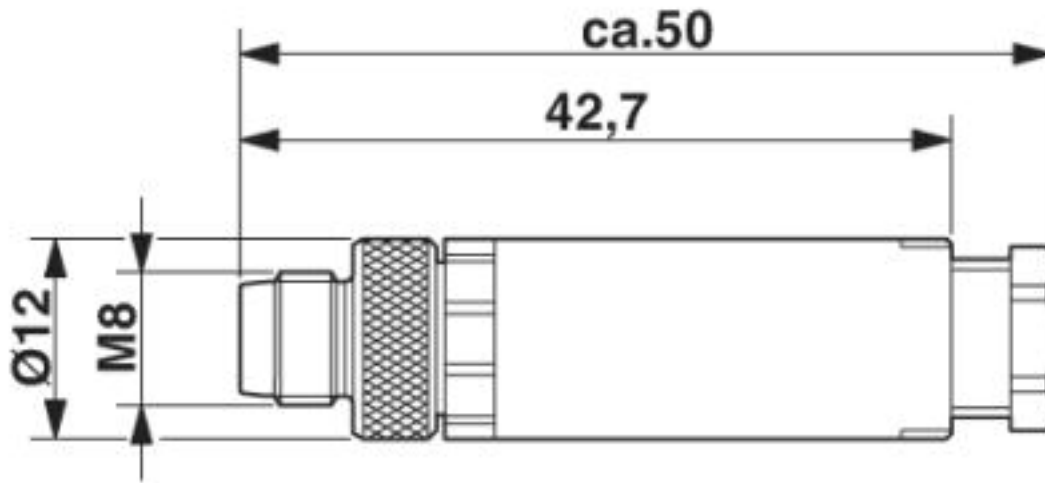
SAC-3P-100,0-PUR/0,34 - 1501650



### Drawings

## Connector - SACC-M 8MS-3CON-M-SW - 1501252

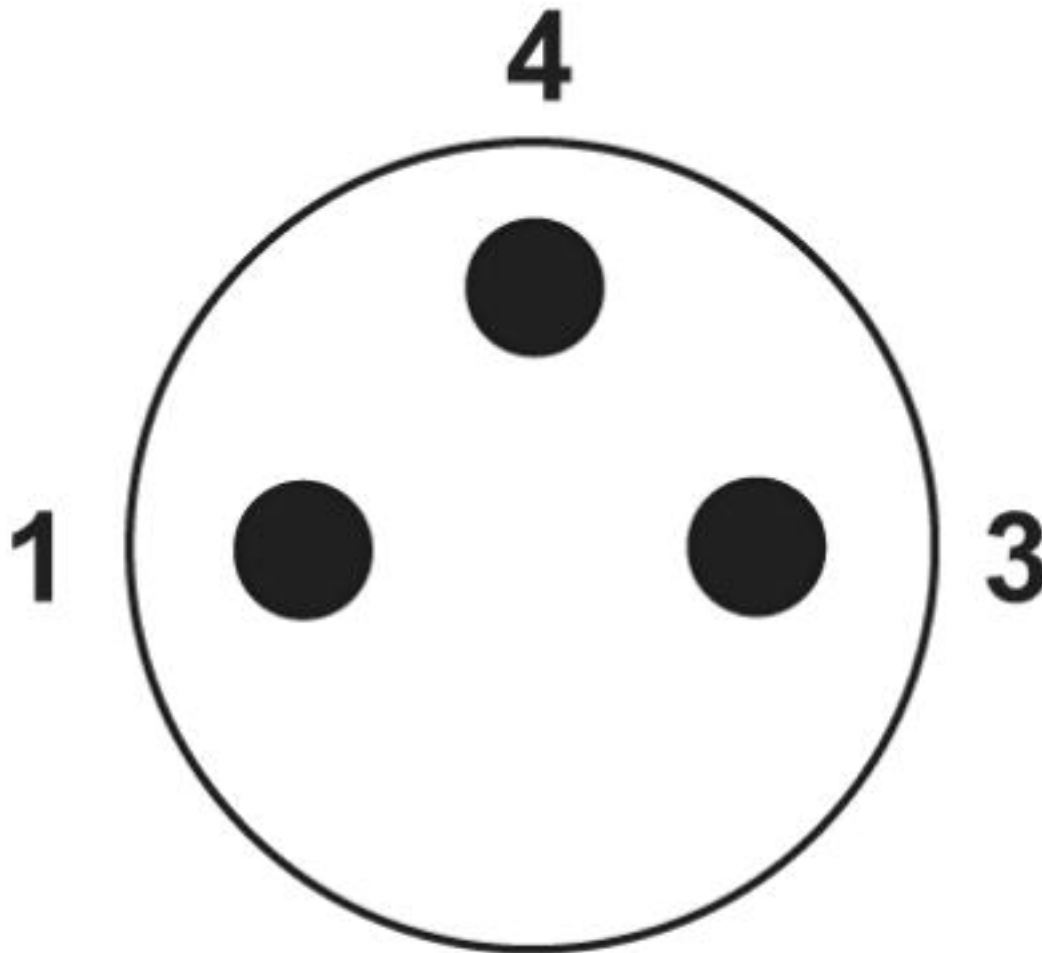
Dimensioned drawing



M8 x 1 male plug, straight version

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Schematic diagram



M8 plug pin assignment, 3-pos., view of pin side

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