

# Connector - SACC-M 8MS-4CON-M-SW - 1501265

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Connector, 4-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

<b>package_quantity</b>	1
<b>GTIN</b>	4017918612788

## Technical data

### Dimensions

<b>External diameter</b>	3.5 mm ... 5 mm
<b>Stripping length of the sheath</b>	12 mm
<b>Stripping length of the individual wire</b>	4 mm

### Ambient conditions

<b>Ambient temperature (operation)</b>	-40 °C ... 85 °C (Plug / socket)
<b>Degree of protection</b>	IP67

### General

<b>Rated current at 40°C</b>	4 A
<b>Rated voltage</b>	30 V
<b>Number of positions</b>	4
<b>Contact resistance</b>	≤ 3 mΩ
<b>Insulation resistance</b>	≥ 100 MΩ
<b>Coding</b>	A - standard
<b>Standards/regulations</b>	M8 connector IEC 61076-2-104
<b>Status display</b>	No
<b>Surge voltage category</b>	II
<b>Pollution degree</b>	3
<b>Connection method</b>	Screw connection
<b>Conductor cross section</b>	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
<b>AWG conductor cross section</b>	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

# Connector - SACC-M 8MS-4CON-M-SW - 1501265

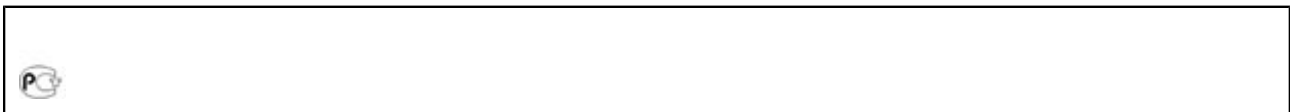
## approvals

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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-4P-100,0-PUR/0,25 - 1501692



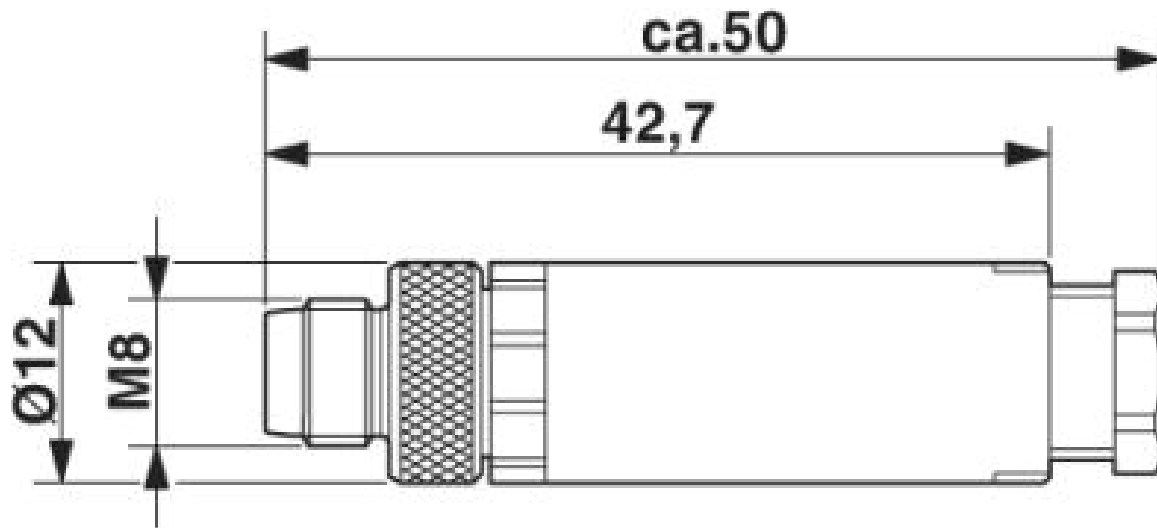
SAC-4P-100,0-PUR/0,34 - 1501663



### Drawings

# Connector - SACC-M 8MS-4CON-M-SW - 1501265

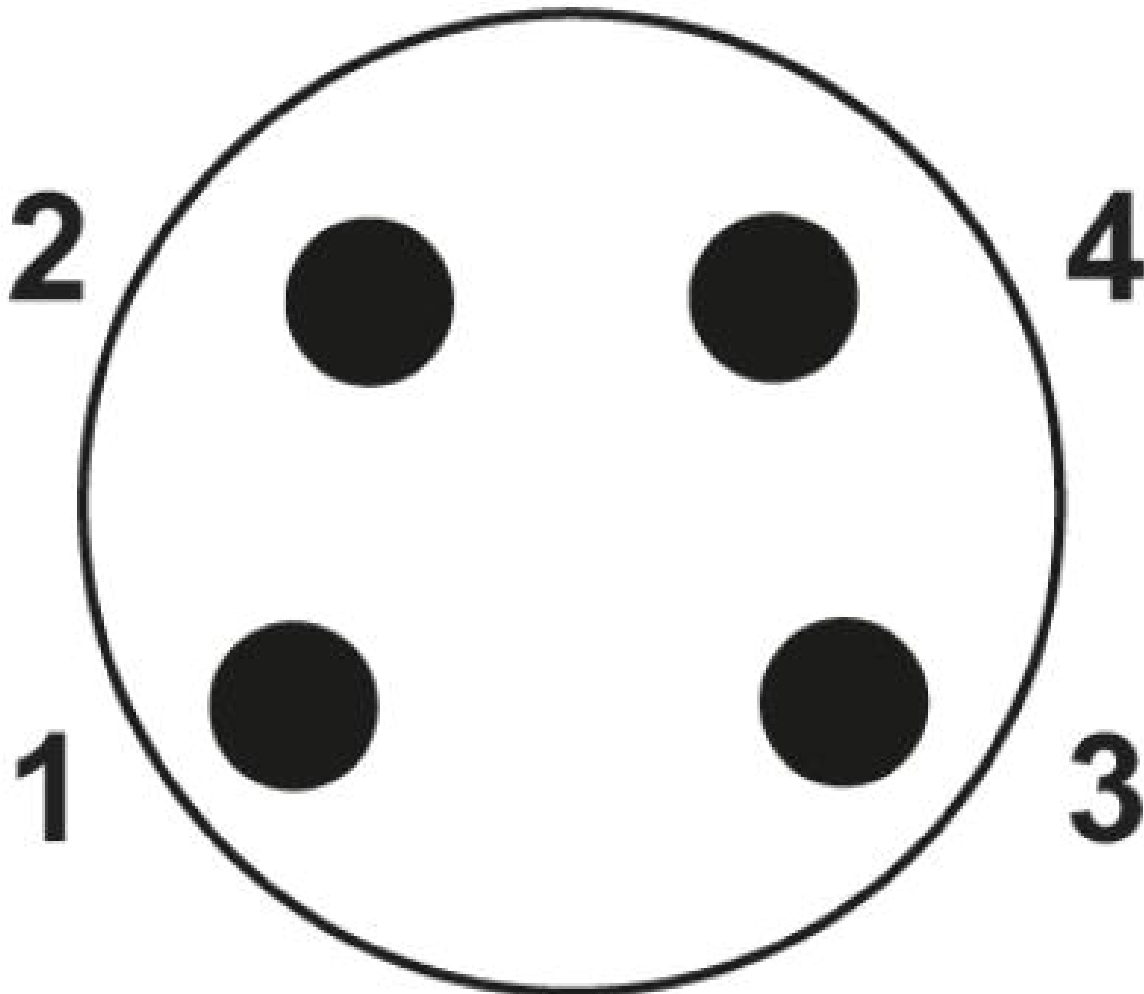
Dimensioned drawing



M8 x 1 male plug, straight version

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Schematic diagram



Pin assignment M8 plug, 4-pos., view male side

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