

## Connector - SACC-M 8MS-4CON-M-SH - 1506914

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Connector, Universal, 4-position, shielded, Plug straight M8, Coding: A, 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
- ✓ Reliable signal transmission - 360° shielding in environments with electromagnetic interference

RoHS

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 881184
GTIN	4017918881184
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Diameter housing	12 mm
Length	50 mm
External cable diameter	3.5 mm ... 5 mm
Stripping length of the sheath	21 mm
Stripping length of the individual wire	3 mm

#### Ambient conditions

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## Technical data

### Ambient conditions

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

### General

Note	NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties.
Rated current at 40°C	4 A
Rated voltage	30 V AC
	30 V DC
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Signal type/category	Universal
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Solder connection
Conductor cross section	0.08 mm² ... 0.25 mm² (flexible)
	0.08 mm² ... 0.25 mm² (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	Nickel-plated brass
Material, knurls	Nickel-plated brass
Sealing material	NBR

### Standards and Regulations

Standards/specifications	M8 connector IEC 61076-2-104
Flammability rating according to UL 94	HB

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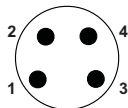
## Technical data

### Environmental Product Compliance

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

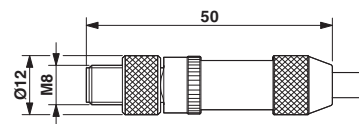
## Drawings

Schematic diagram



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

Dimensional drawing



Plug M8 x 1, straight, shielded

## Classifications

### eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 11.0	27440102
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27279200
eCl@ss 7.0	27440104
eCl@ss 9.0	27440102

### ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 6.0	EC002062

### UNSPSC

UNSPSC 6.01	31251501
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### Classifications

#### UNSPSC

UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

### Approvals


#### Approvals


#### Approvals

UL Listed / cUL Listed / cULus Listed

#### 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		30 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
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### Approvals

cULus Listed



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