

# Bus system connector - SACC-M12MSD-4Q SH PN - 1554513

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Bus system connector, PROFINET CAT5, PROFINET CAT5e, 4-position, shielded, Plug straight M12, D-coded, Insulation displacement connection, Knurl material: Nickel-plated brass, External cable diameter 4 mm ... 8 mm

## Product Features

- Safe use in the field, thanks to a high degree of protection
- Flexible: connectors for on-site assembly
- Insulation displacement connection: innovative and time-saving assembly without stripping the single wire
- Reliable signal transmission - 360° shielding in environments with electromagnetic interference



## Key commercial data

package_quantity	1
GTIN	4046356166201

## Technical data

### Mechanical characteristics

Standards/specifications	M12 connector IEC 61076-2-101
Number of positions	4
Shielded	Yes
Insertion/withdrawal cycles	≥ 100
Connection method	Insulation displacement connection
Conductor cross section	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>
Connection cross section AWG	26 ... 22

### Ambient conditions

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

### Material data

Inflammability class according to UL 94	V0
Contact carrier material	PA 66
Contact material	CuSn
Contact surface material	Ni/Au
Cable gland material	Nickel-plated brass
Sealing material	Neoprene

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## Technical data

### Electrical characteristics

Number of positions	4
Nominal voltage $U_N$	60 V
Nominal current $I_N$	1.75 A
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
Surge voltage category	II
Pollution degree	3

## classifications

### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801

### ETIM

ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062

### UNSPSC

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

## approvals

GOST /

### Approval details



## accessories

### Torque tool

## Bus system connector - SACC-M12MSD-4Q SH PN - 1554513

### accessories

TSD 04 SAC - 1208429



TSD-M 1,2NM - 1212224



### Screwdriver tools

SACC BIT M12-D20 - 1208445



TSD-M SAC-BIT ADAPTER - 1212600



### Protective cap

PROT-M12 FS-PA-CHAIN - 1430873



### Data cable by the meter

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accessories

VS-OE-OE-93B/... - 1417362



VS-OE-OE-93C/... - 1417491



VS-OE-OE-93R/... - 1417388



VS-OE-OE-936/... - 1417375



VS-OE-OE-937/... - 1402687



**Stripping tool**

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### accessories

WIREFOX-D 40 - 1212161



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### accessories

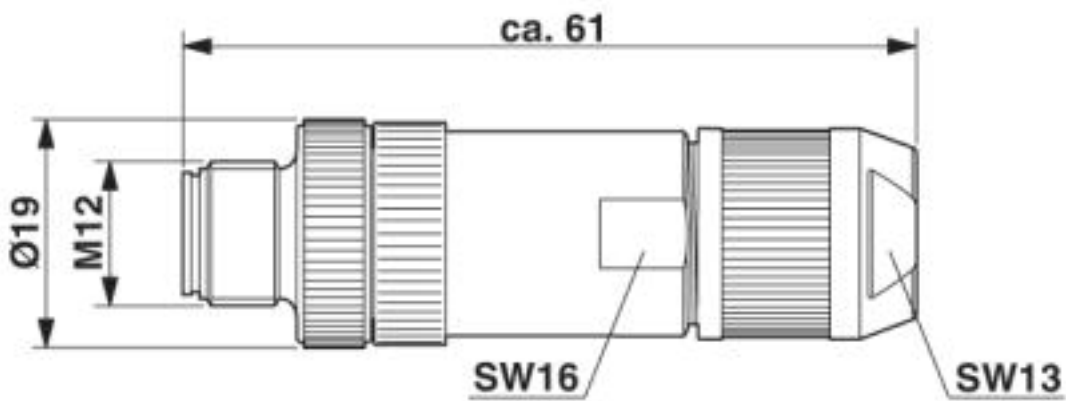
MICROFOX SC - 1205862



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## Drawings

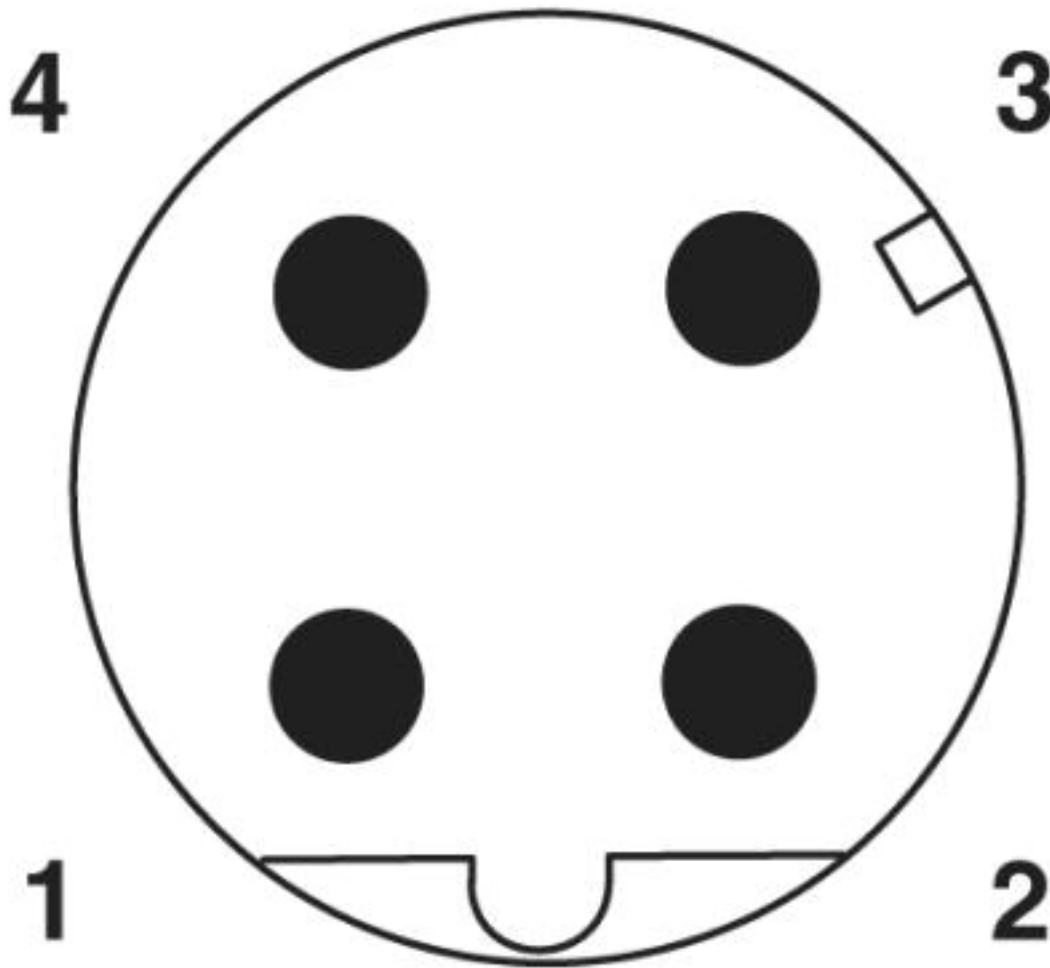
Dimensioned drawing



Plug, M12 x 1, straight, shielded

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Schematic diagram



Pin assignment M12 male connector, 4-pos., D-coded, male side

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