Connector - SACC-M 8MS-4CON-M-0,34-SH - 1542897

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://download.phoenixcontact.com)



Connector, 4-position, Plug straight M8, Screw connection, Knurl material: Nickel-plated brass, External cable diameter 3.5 mm ... 5.5 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
- Reliable signal transmission - 360° shielding in environments with electromagnetic interference

Key commercial data

package_quantity	1
GTIN	4046356097819

Technical data

Dimensions

External diameter	3.5 mm ... 5.5 mm
Stripping length of the sheath	12 mm + 1 mm ([NO ASSET AVAILABLE: TXB,7156976,P])
Stripping length of the sheath	18 mm + 1 mm ([NO ASSET AVAILABLE: TXB,7156977,P])
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	30 V
Number of positions	4
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

Connector - SACC-M 8MS-4CON-M-0,34-SH - 1542897

Technical data

General

Conductor cross section	0.14 mm² ... 0.5 mm²
AWG conductor cross section	26 ... 20
Insertion/withdrawal cycles	≥ 100
Torque	0.2 Nm (M8 knurl)
Torque	0.3 Nm ... 0.4 Nm (Pressure screw for outer cable diameter 3 mm ... 4 mm)
Torque	0.8 Nm ... 1 Nm (Pressure screw for outer cable diameter 4 mm ... 8 mm)
Torque	0.1 Nm (Screw terminal blocks)
Tightening torque	Screw plug insert with sleeve housing as far it will go
Assembly instructions	The wires can be connected both with ferrules (without insulation) and without ferrules.

Material

Inflammability class according to UL 94	HB
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PUR / PA66
Material of grip body	Nickel-plated brass
Material, knurls	Nickel-plated brass
Sealing material	NBR

classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27449001

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

Connector - SACC-M 8MS-4CON-M-0,34-SH - 1542897

approvals

GOST /

Approval details

GOST

accessories

Torque tool

TSD 02 SAC - 1208487



TSD-M 1,2NM - 1212224



Screwdriver tools

SACC BIT M8-D12 - 1208474



TSD-M SAC-BIT ADAPTER - 1212600



Connector - SACC-M 8MS-4CON-M-0,34-SH - 1542897

accessories

Protective cap

PROT-M 8 FS-PA-CHAIN - 1430857



Cable by the meter

SAC-4P-100,0-PUR/SH-0,25 - 1535794

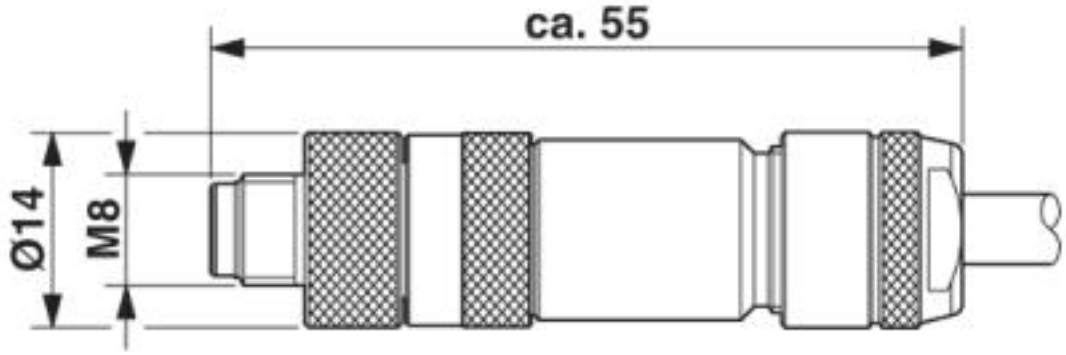


SAC-4P-100,0-PUR/SH-0,34 - 1501715



Drawings

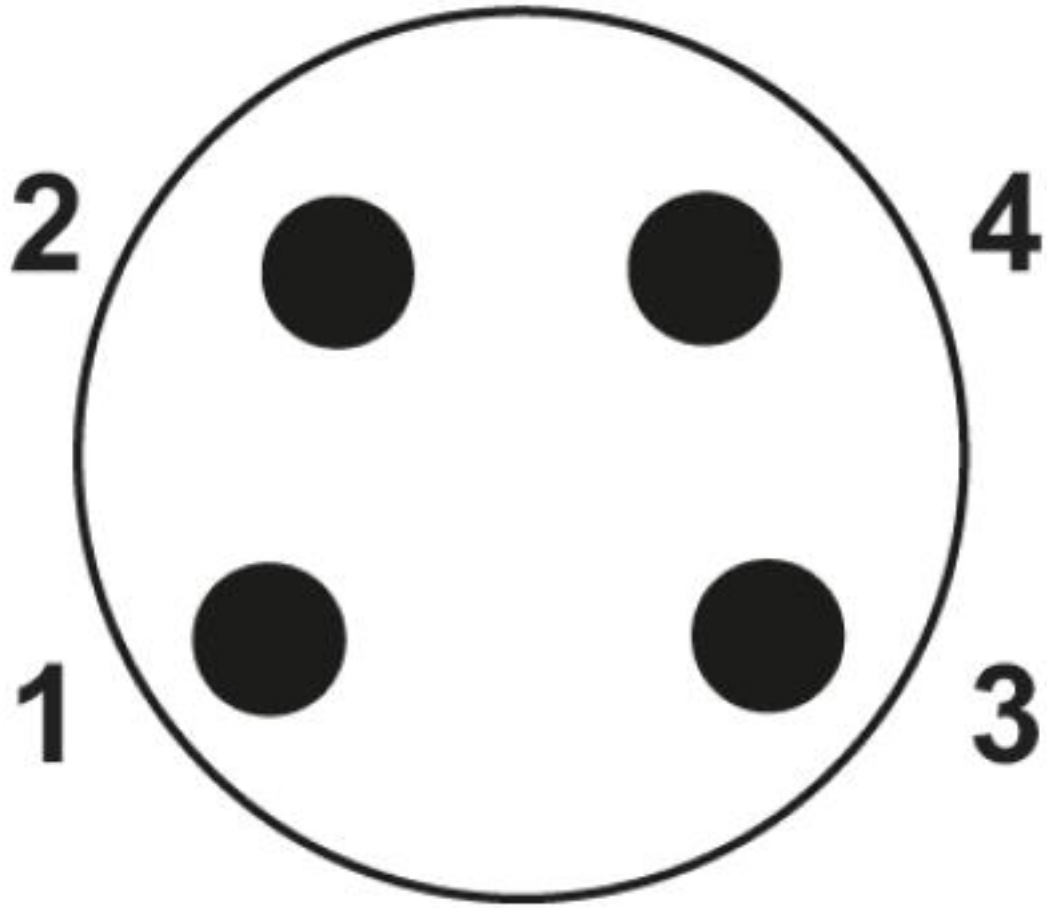
Dimensioned drawing



Plug M8 x 1, straight, shielded

Connector - SACC-M 8MS-4CON-M-0,34-SH - 1542897

Schematic diagram



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

© Phoenix Contact 2013 - all rights reserved
http://www.phoenixcontact.com