

Connector - SACC-M 8FS-4CON-M-0,34-SH - 1542910

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://phoenixcontact.com/download>)



Connector, Universal, 4-position, shielded, Socket straight M8, A-coded, Screw connection, knurl material: Nickel-plated brass, external cable diameter 3.5 mm ... 5.5 mm

Your advantages

- ✓ 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

Packing unit	1 pc
GTIN	 4 046356 097796
GTIN	4046356097796
Weight per Piece (excluding packing)	29.690 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Diameter housing	14 mm
Length	49 mm
External cable diameter	3.5 mm ... 5.5 mm
Stripping length of the sheath	12 mm + 1 mm (Shield diameter ≤ 3.5 mm)
	18 mm + 1 mm (Shield diameter > 3.5 mm)
Stripping length of the individual wire	4 mm

Ambient conditions

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

Connector - SACC-M 8FS-4CON-M-0,34-SH - 1542910

Technical data

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	III
Degree of pollution	3
Connection method	Screw connection
Conductor cross section	0.14 mm² ... 0.5 mm² (without ferrule)
	0.14 mm² ... 0.5 mm² (with ferrule)
	0.14 mm² ... 0.5 mm² (solid)
Conductor cross section AWG	26 ... 20 (without ferrule)
Insertion/withdrawal cycles	≥ 100
Torque	0.2 Nm (M8 knurl)
	0.3 Nm ... 0.4 Nm (Pressure screw for outer cable diameter 3 mm ... 4 mm)
	0.8 Nm ... 1 Nm (Pressure screw for outer cable diameter 4 mm ... 8 mm)
	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

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

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

<https://www.phoenixcontact.com/gb/products/1542910>



Connector - SACC-M 8FS-4CON-M-0,34-SH - 1542910

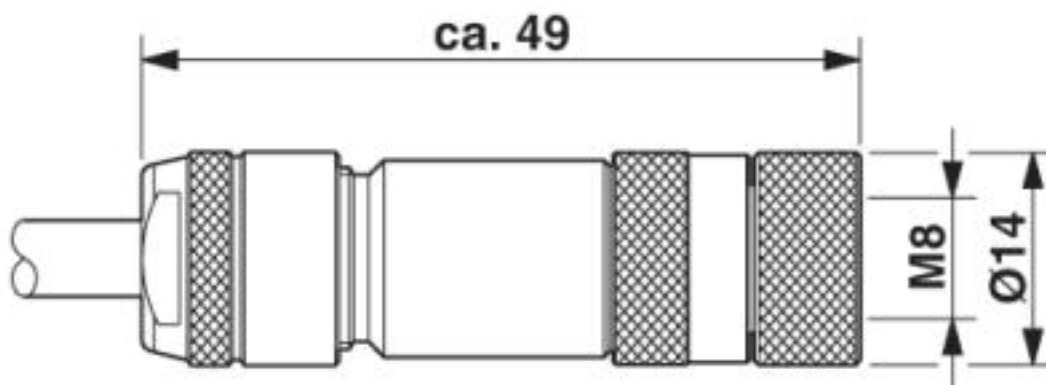
Technical data

Environmental Product Compliance

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

Drawings

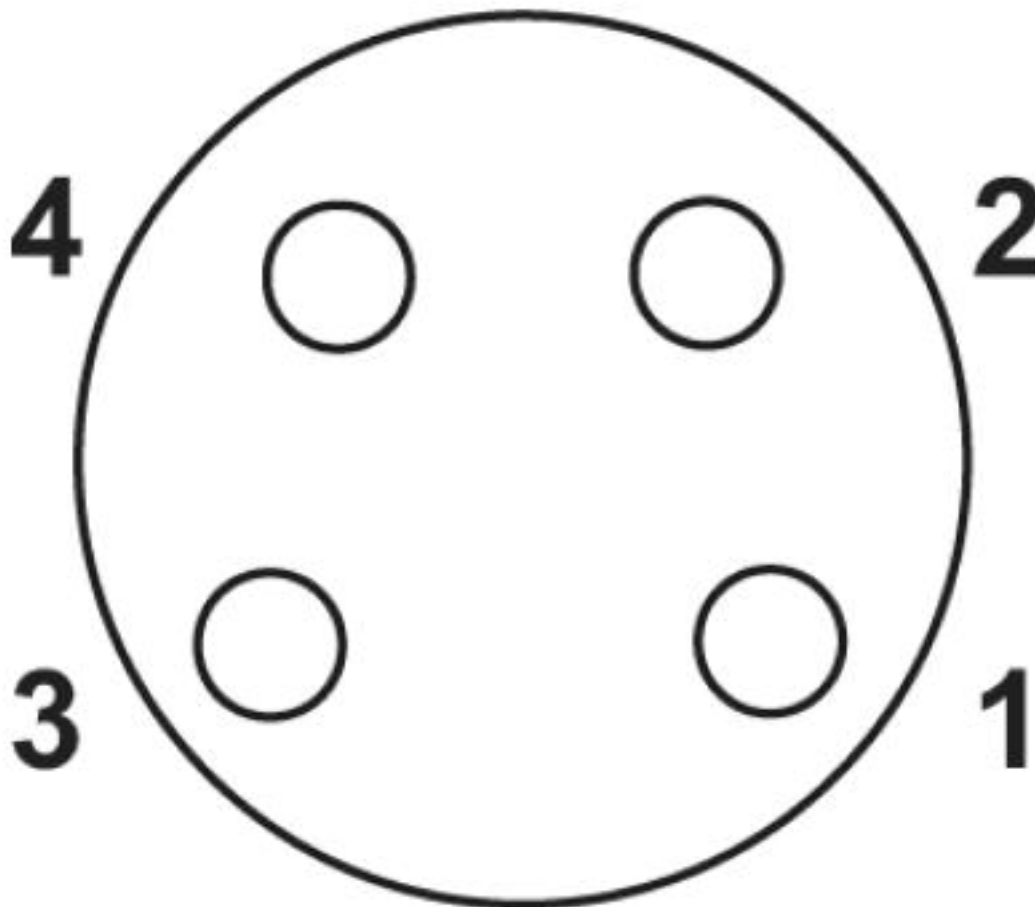
Dimensional drawing



Socket M8 x 1, straight, shielded

Connector - SACC-M 8FS-4CON-M-0,34-SH - 1542910

Schematic diagram



Pin assignment M8 socket, 4-pos., view female side

Classifications

eCl@ss

eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC002062
ETIM 4.0	EC002062

<https://www.phoenixcontact.com/gb/products/1542910>



Connector - SACC-M 8FS-4CON-M-0,34-SH - 1542910

Classifications

ETIM

ETIM 5.0	EC002062
ETIM 6.0	EC002062

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal voltage UN		30 V		
Nominal current IN		4 A		

cUL Listed			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal voltage UN		30 V		
Nominal current IN		4 A		

EAC		RU C- DE.AI30.B.01102
-----	---	--------------------------

<https://www.phoenixcontact.com/gb/products/1542910>



Connector - SACC-M 8FS-4CON-M-0,34-SH - 1542910

Approvals

EAC	The EAC logo, consisting of the letters 'EAC' in a bold, stylized font.	EAC-Zulassung
-----	---	---------------

cULus Listed	The cULus Listed logo, featuring a circular 'UL' symbol with 'c' on the left and 'us' on the right, and the word 'LISTED' below it.	
--------------	---	--

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>



SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

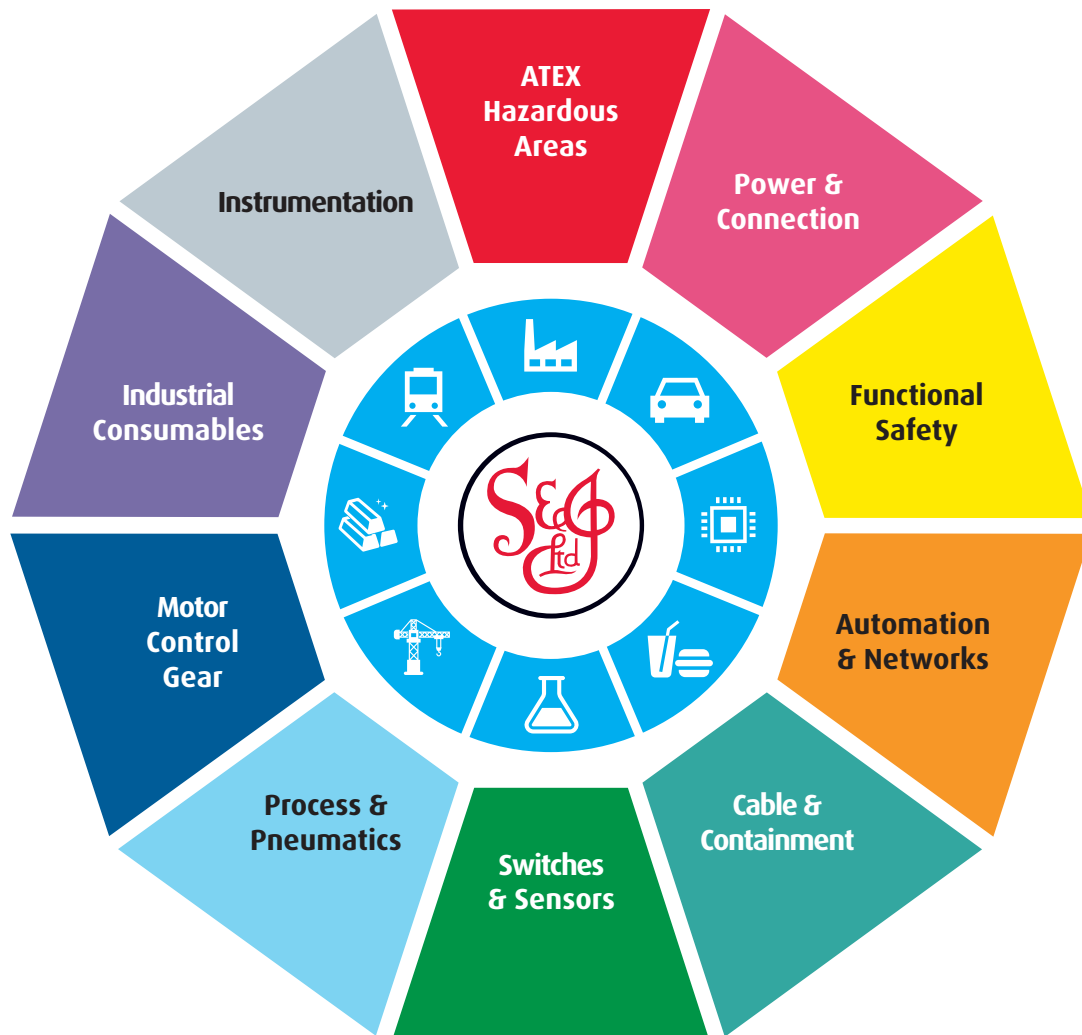
At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk