



**Automatización Eléctrica**  
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

# Flush-type connector - SACC-E-M 8MS-6CON-M 8/0,5 - 1542664

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>)



Sensor/actuator flush-type plug, 6-pos., M8, front/screw mounting with M8 fastening thread, with 0.5 m TPE litz wire, 6 x 0.14 mm<sup>2</sup>

## Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 097697

## Technical data

### Dimensions

Length of cable	0.5 m
-----------------	-------

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C
	-40 °C ... 85 °C (without mechanical actuation)
Degree of protection	IP67

### General

Rated current at 40°C	2 A
Rated voltage	30 V AC
	30 V DC
Number of positions	6
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Individual wires
Mounting type	Front mounting M8 x 0.5

### Material

Flammability rating according to UL 94	HB
Contact material	Cu alloy

# Flush-type connector - SACC-E-M 8MS-6CON-M 8/0,5 - 1542664

## Technical data

### Material

Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Nickel-plated brass
Sealing material	Viton

### Cable

Cable type	TPE litz wire
Conductor cross section	0.14 mm <sup>2</sup>
AWG signal line	26
Conductor structure signal line	18x 0.10 mm
Core diameter including insulation	1.15 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Black, brown, blue, white, gray, pink
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≥ 80 Ω/km
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC
Ambient temperature (operation)	-25 °C ... 85 °C

### Standards and Regulations

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

## 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	27440103

### ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002062
ETIM 5.0	EC002061

# Flush-type connector - SACC-E-M 8MS-6CON-M 8/0,5 - 1542664

## Classifications

### UNSPSC

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

## Approvals

### Approvals

---

### Approvals

EAC

---

### Ex Approvals

---

### Approvals submitted

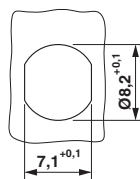
---

## Approval details

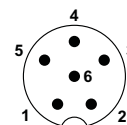
EAC
-----

## Drawings

Dimensional drawing



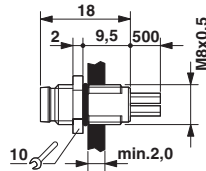
Schematic diagram



Pin assignment M8 plug, 6-pos., view male side

## Flush-type connector - SACC-E-M 8MS-6CON-M 8/0,5 - 1542664

Dimensional drawing



M8 flush-type plug

---

Phoenix Contact 2016 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Sensor/actuator flush-type plug, 6-pos., M8, front/ screw mounting with M8 fastening thread, with 0.5 m TPE litz wire, 6 x 0.14 mm <sup>2</sup>	1542664	SACC-E-M 8MS-6CON-M 8/0,5	<a href="#">Buy on EAN</a>