

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


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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 pc
GTIN	 4 046356 097697
Weight per Piece (excluding packing)	11.9 g
Custom tariff number	85444290
Country of origin	Germany
Product key	ABQBBA

## Technical data

### Dimensions

Length of cable	0.5 m
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### 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
Number of positions	6
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

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## Technical data

### General

Pollution degree	3
Connection method	Individual wires
Mounting type	Front mounting M8 x 0.5

### Material

Inflammability class according to UL 94	HB
Contact material	Cu alloy
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

## 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

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## Classifications

### ETIM

ETIM 5.0	EC002061
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### UNSPSC

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

## Approvals

### Approvals

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### Approvals

EAC

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### Ex Approvals

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### Approvals submitted

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### Approval details

EAC
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## Accessories

### Accessories

#### Flat nut

Flat nut - SACC-E-MU-M 8 - 1504071

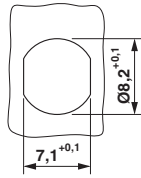


Flat nut with M8 thread

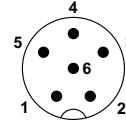
## Drawings

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

Dimensioned drawing

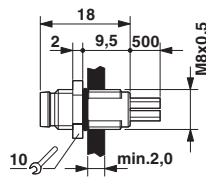


Schematic diagram



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

Dimensioned drawing



M8 flush-type plug