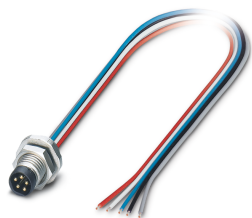


## Flush-type connector - SACC-E-M8MS-5CON-M10/0,5 DN - 1424234

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Flush-type connector, DeviceNet™, 5-position, Plug, straight, M8, Front mounting, M10, Individual wires, cable length: 0.5 m, 0.25 mm², PVC litz wire

### Your advantages

- ✓ Pre-assembled with litz wires for immediate use
- ✓ Customer-specific assemblies and litz wire lengths available
- ✓ Sealed on the litz wire side for optimum leak-tightness
- ✓ Standard pin assignments and codings for signal transmission with a uniform design-in design



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 712460
GTIN	4046356712460

### Technical data

#### Dimensions

Length of cable	0.5 m
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#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

#### General

Rated current at 40°C	3 A
Rated voltage	30 V AC
	30 V DC
Number of positions	5
Insulation resistance	≥ 100 MΩ

# Flush-type connector - SACC-E-M8MS-5CON-M10/0,5 DN - 1424234

## Technical data

### General

Coding	B - inverse
Standards/regulations	M8 connector IEC 61076-2-104
Signal type/category	DeviceNet™
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Individual wires
Mounting type	Front mounting M10
Thread type	M10

### Material

Flammability rating according to UL 94	HB
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PA 6.6
Material, knurls	Zinc die-cast, nickel-plated
Additional material specifications	PU 2K (Grout material)

### Cable

Conductor cross section	0.25 mm²
AWG signal line	24
Conductor structure signal line	7x 0.20 mm
Core diameter including insulation	1.5 mm ±0.1 mm
Thickness, insulation	0.21 mm
Wire colors	gray, red, white, black, blue
Material conductor insulation	PVC / UL
Conductor material	Tin-plated Cu litz wires
Standards/specifications	M8 connector IEC 61076-2-104
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≥ 80 Ω/km
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC
Ambient temperature (operation)	-40 °C ... 105 °C (cable, fixed installation)
	-10 °C ... 105 °C

### Standards and Regulations

Standards/specifications	M8 connector IEC 61076-2-104
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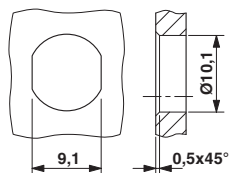
### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

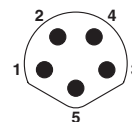
# Flush-type connector - SACC-E-M8MS-5CON-M10/0,5 DN - 1424234

## Drawings

Dimensional drawing



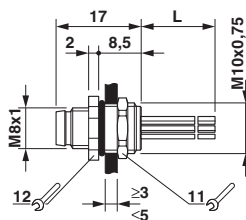
Schematic diagram



Pin assignment M8 plug, 5-pos., B-coded, view plug side

Mounting panel with feed-through hole

Dimensional drawing



M8 flush-type plug

## Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 11.0	27440102
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	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002635
ETIM 6.0	EC002061
ETIM 7.0	EC002635

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501

# Flush-type connector - SACC-E-M8MS-5CON-M10/0,5 DN - 1424234

## Classifications

### UNSPSC

UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121400

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
Nominal voltage UN	30 V		
Nominal current IN	4 A		
mm <sup>2</sup> /AWG/kcmil	24		

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
Nominal voltage UN	30 V		
Nominal current IN	4 A		
mm <sup>2</sup> /AWG/kcmil	24		

EAC		B.01687
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## Flush-type connector - SACC-E-M8MS-5CON-M10/0,5 DN - 1424234

### Approvals

cULus Recognized



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