

## Flush-type connector - SACC-DSI-M8FS-6CON-M10/0,5 - 1456103

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Sensor/actuator flush-type socket, 6-pos., M8, rear/screw mounting with M10 fastening thread, with 0.5 m TPE litz wire, 6 x 0.14 mm<sup>2</sup>

### Why buy this product

- ✓ 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 STK
GTIN	 4 046356 605885
GTIN	4046356605885

### Technical data

#### Dimensions

Length of cable	0.5 m
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#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Socket)
Degree of protection	IP67

#### General

Rated current at 40°C	1.5 A
Rated voltage	30 V AC
	30 V DC
Number of positions	6
Insulation resistance	≥ 100 MΩ
Coding	A - standard

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## Technical data

### General

Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Individual wires
Mounting type	Rear mounting M10

### Material

Flammability rating according to UL 94	HB
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PUR / PA 6.6
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	Viton

### Cable

Cable type	PVC litz wire
Conductor cross section	0.14 mm <sup>2</sup>
AWG signal line	26
Conductor structure signal line	7x 0.16 mm
Core diameter including insulation	1.3 mm ±0.1 mm
Thickness, insulation	0.38 mm
Wire colors	Black, brown, blue, white, gray, pink
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

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

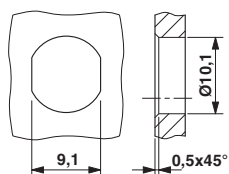
### Environmental Product Compliance

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

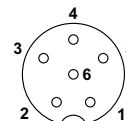
# Flush-type connector - SACC-DSI-M8FS-6CON-M10/0,5 - 1456103

## Drawings

Dimensional drawing



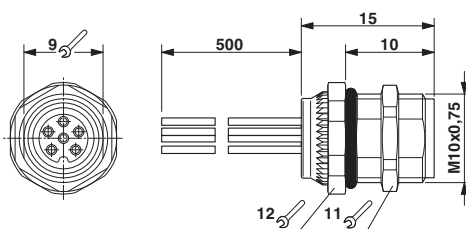
Schematic diagram



Pin assignment M8 socket, 6-pos.

### Mounting panel with feed-through hole

Dimensional drawing



### M8 flush-type socket

## Approvals

### Approvals

#### Approvals

EAC / UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals

### Approval details

EAC		B.01742
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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
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Nominal voltage UN	30 V
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### Approvals

Nominal current IN	1.5 A
mm <sup>2</sup> /AWG/kcmil	26

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		1.5 A	
mm <sup>2</sup> /AWG/kcmil		26	

cULus Recognized	
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