

Flush-type connector - SACC-DSI-M8FS-4CON-M10-L180 SH - 1456129

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Sensor/actuator flush-type connector, socket, 4-pos. M8, rear/screw mounting with M10 fastening thread, with straight solder connection

Your advantages

- ✓ Easy PCB assembly: one-piece connectors for wave soldering
- ✓ Standard pin assignments and codings for signal transmission with a uniform design-in design
- ✓ For high transmission reliability: optional shield connection to the housing and latching on the PCB

RoHS

Key Commercial Data

Packing unit	20 pc
GTIN	 4 046356 605762
GTIN	4046356605762

Technical data

Ambient conditions

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

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	4 A
Rated voltage	48 V AC
	60 V DC
Rated surge voltage	1.5 kV
Number of positions	4
Insulation resistance	≥ 100 MΩ

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Technical data

General

Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Solder pins
Insertion/withdrawal cycles	> 100
Torque	1 Nm ... 1.5 Nm (Installation-side)
Mounting type	Rear mounting M10 With flat nut

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
Sealing material	NBR
Additional material specifications	EP (Grout material)

Cable

Standards/specifications	M8 connector IEC 61076-2-104
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Standards and Regulations

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

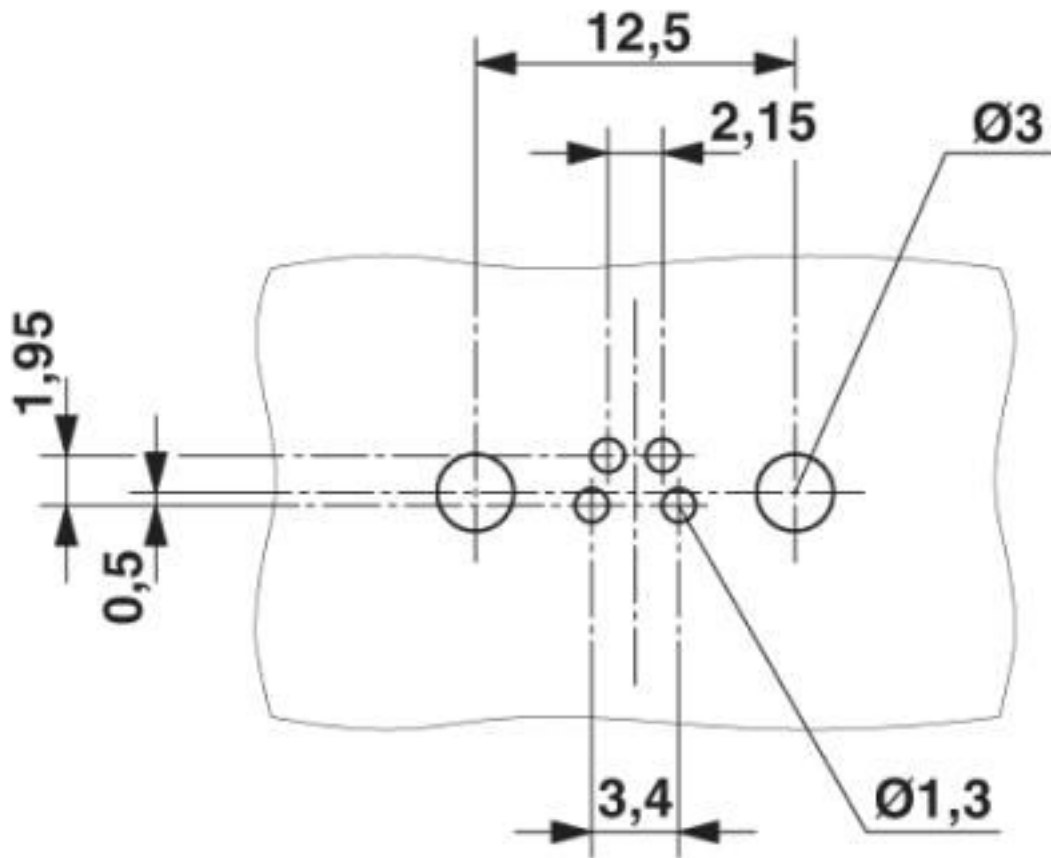
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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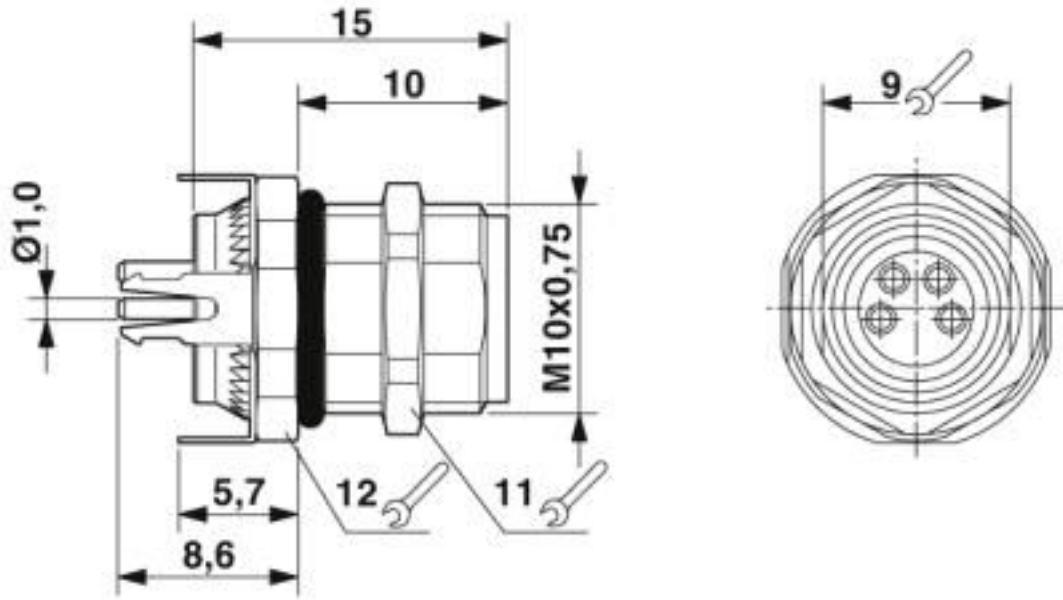
Drilling diagram



Drilling diagram

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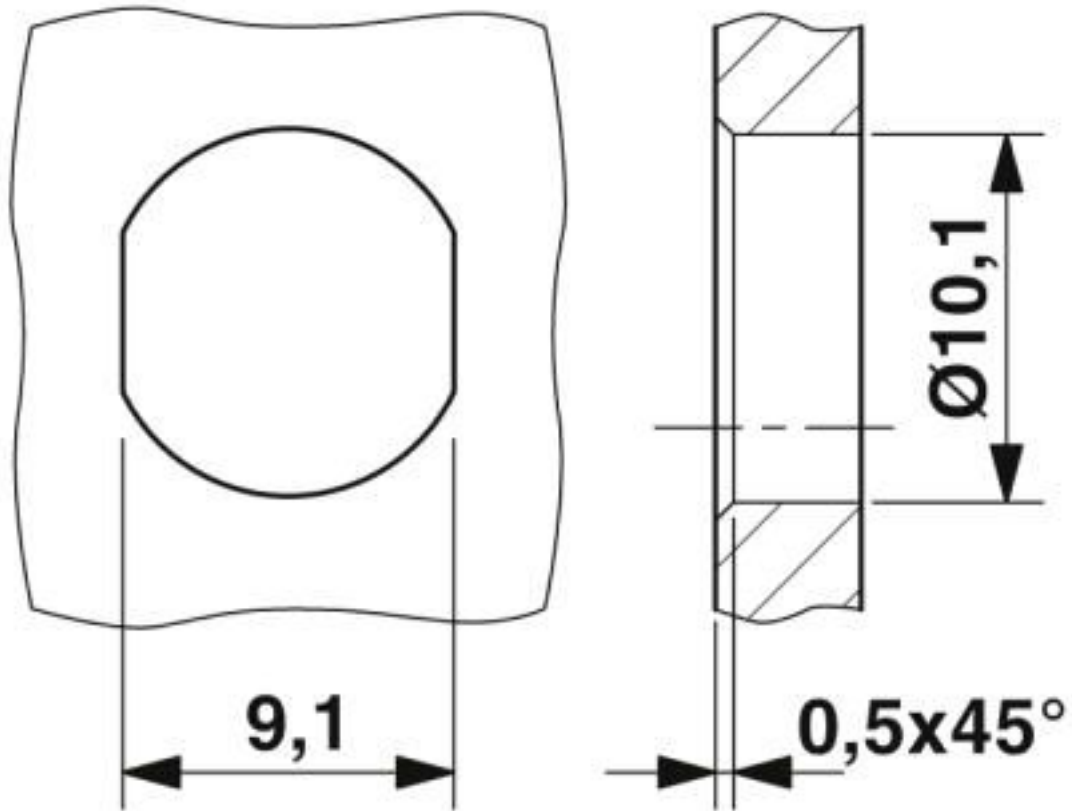
Dimensional drawing



M8 flush-type socket

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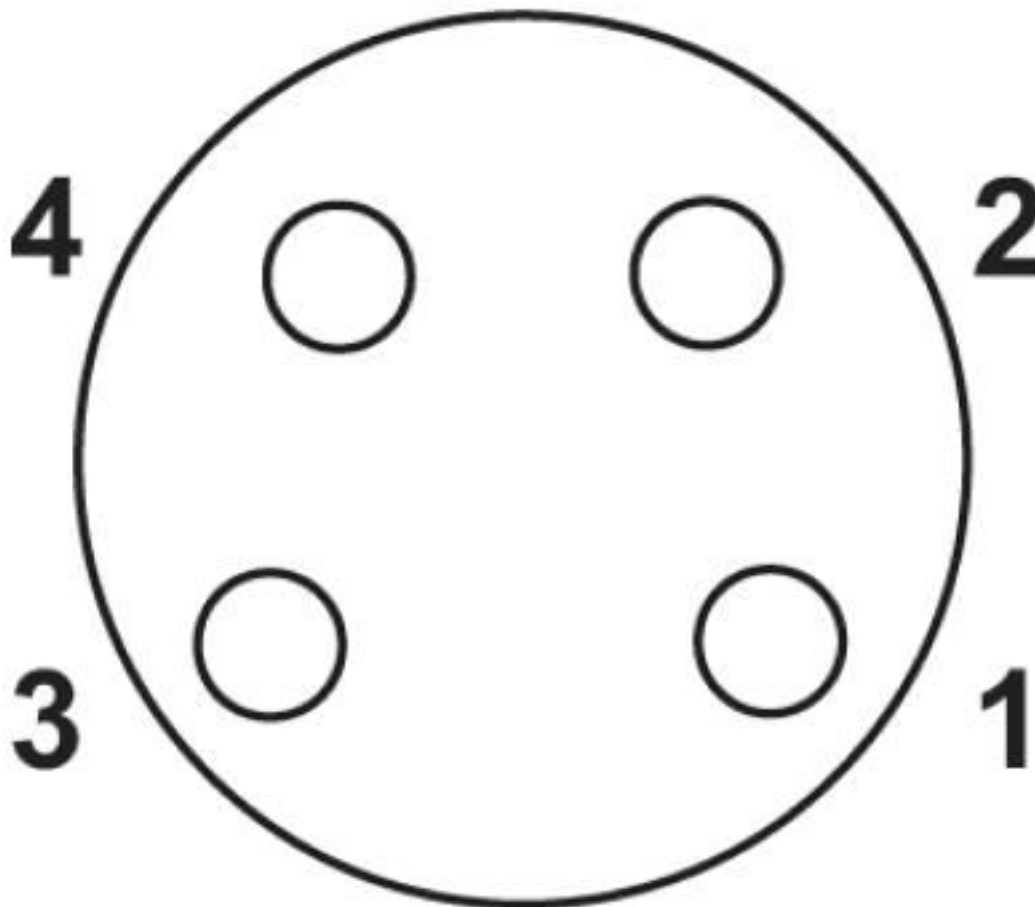
Dimensional drawing



Mounting panel with feed-through hole

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Schematic diagram



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

Classifications

eCl@ss

eCl@ss 10.0.1	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 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 4.0	EC002061
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Classifications

ETIM

ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
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	39121413

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		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		
mm²/AWG/kcmil	24		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
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Approvals

EAC



B.01687

cULus Recognized



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