

Flush-type connector - SACC-DSI-M8FS-4CON-M10/0,5 - 1456093

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Flush-type connector, 4-position, Socket, straight, M8, Rear 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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 605892
GTIN	4046356605892

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	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	Individual wires
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	PUR / PA 6.6
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	Viton
Additional material specifications	EP (Grout material)

Cable

Cable type	PVC litz wire
Conductor cross section	0.25 mm ²
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	brown, white, blue, black
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	450 V
Test voltage, cable	2500 V (Test duration: 1 minute)
Ambient temperature (operation)	-40 °C ... 105 °C (cable, fixed installation)
	-10 °C ... 105 °C (cable, flexible installation)

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;

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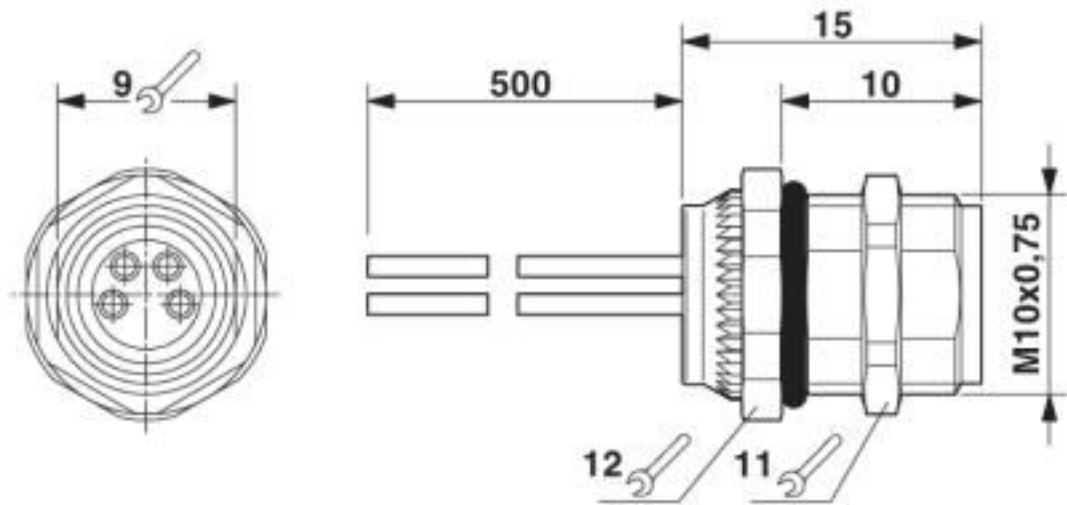
Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Drawings

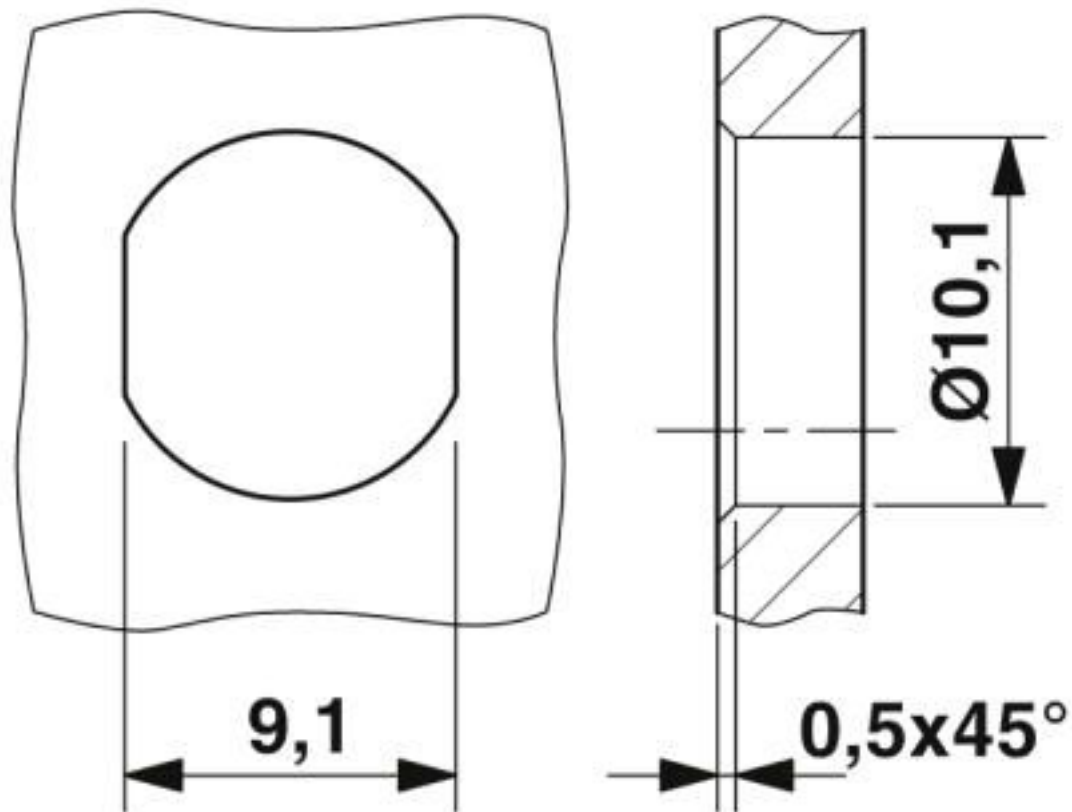
Dimensional drawing



M8 flush-type socket

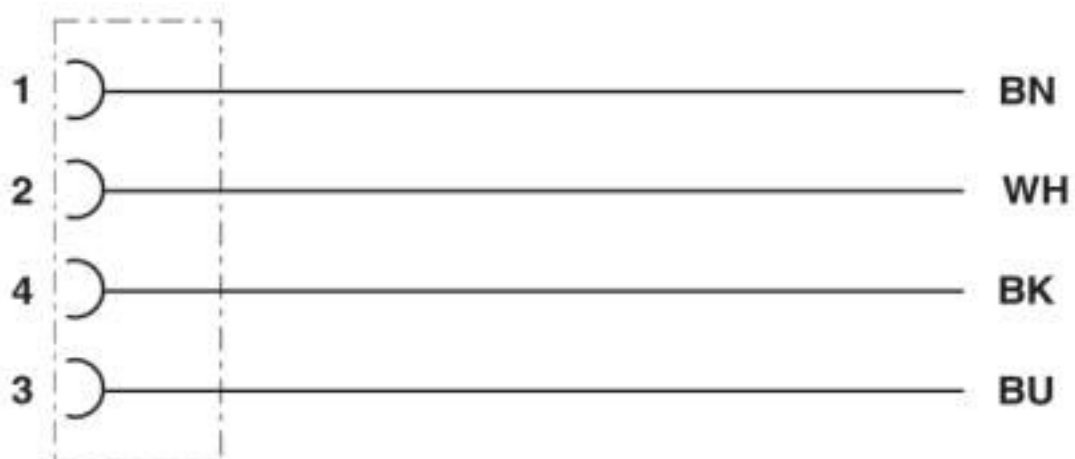
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Dimensional drawing



Mounting panel with feed-through hole

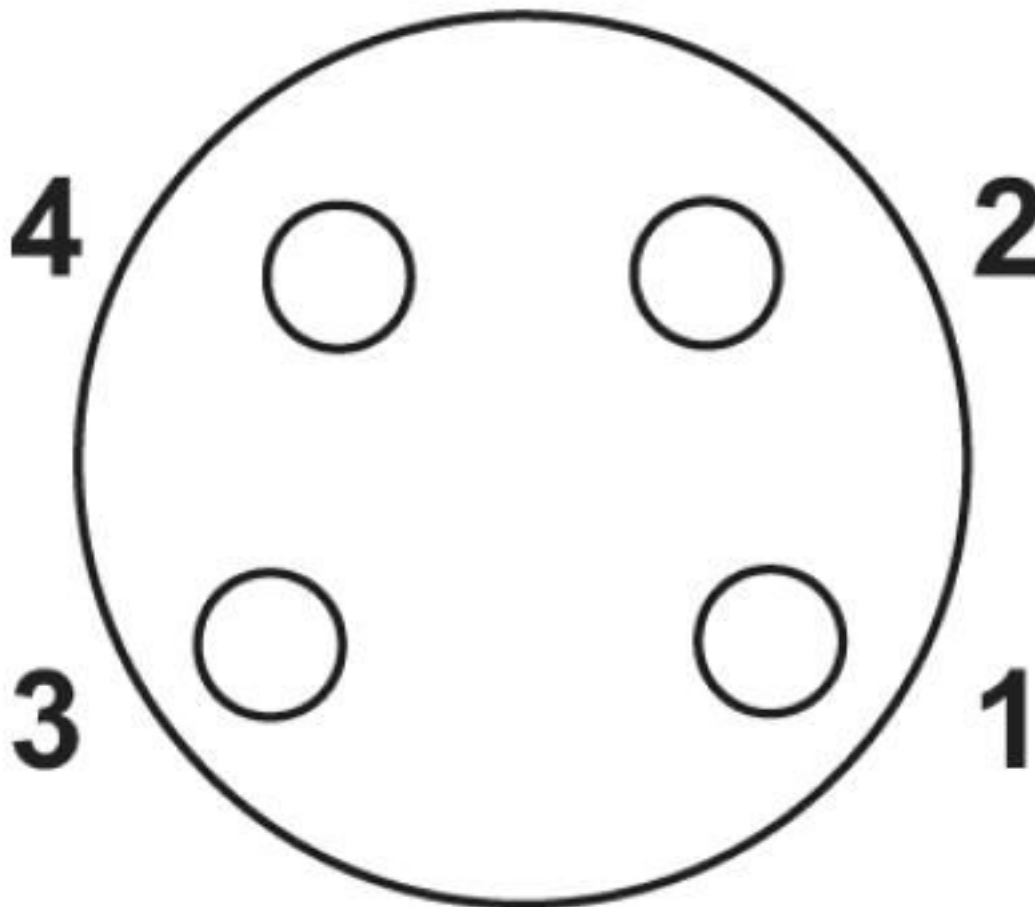
Circuit diagram



Contact assignment of M8 plugs/sockets

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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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