

Flush-type connector - SACC-DSI-M 8FS-3CON-M12/0,5 - 1453449

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Sensor/actuator flush-type socket, 3-pos., M8, rear/screw mounting, with M12 thread, with 0.5 m TPE litz wire, 3 x 0.25 mm²

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	
GTIN	4046356554411

Technical data

Dimensions

Length of cable	0.5 m
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Ambient conditions

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

General

Rated current at 40°C	4 A
Rated voltage	50 V AC
	60 V DC
Rated surge voltage	1.5 kV
Number of positions	3
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
Mounting type	Rear mounting M12 x 1

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	Nickel-plated brass
Sealing material	Viton

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, 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	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

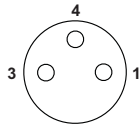
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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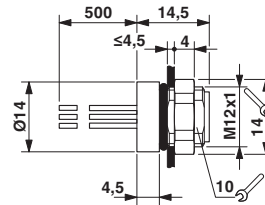
Drawings

Schematic diagram



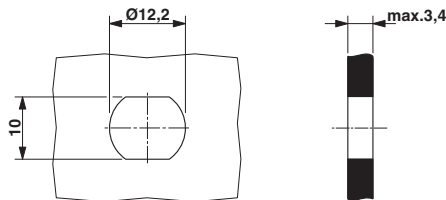
Pin assignment M8 socket, 3-pos., view female side

Dimensional drawing



M8 flush-type socket

Dimensional drawing



Housing cutout for M8 flush-type connector, socket, one-section

Approvals

Approvals

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EAC / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

EAC		B.01742
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Approvals

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	
mm ² /AWG/kcmil		24	

cUL 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	
mm ² /AWG/kcmil		24	

cULus Recognized			
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