

Flush-type connector - SACC-DSI-M 8FS-4CON-L180 - 1694376

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Sensor/actuator flush-type connector, female, 4-pos., M8, rear/screw mounting with M12 thread, with straight solder connection

Why buy this product

- ✓ 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

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	20 STK
GTIN	 4 017918 178659
GTIN	4017918178659
Weight per Piece (excluding packing)	13.760 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP67

General

Rated current at 40°C	4 A
Rated voltage	50 V AC

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Technical data

General

	60 V DC
Number of positions	4
Insulation resistance	≥ 100 MΩ
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
Mounting type	Rear mounting M12 x 1 With flat nut

Material

Flammability rating according to UL 94	HB
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Nickel-plated brass
Sealing material	NBR

Cable

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

Standard designation	M8 connector
Standards/regulations	IEC 61076-2-104
Connection in acc. with standard	CUL
Flammability rating according to UL 94	HB

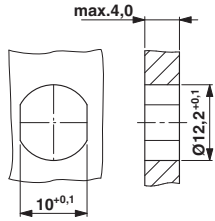
Environmental Product Compliance

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

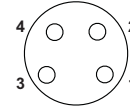
Drawings

Flush-type connector - SACC-DSI-M 8FS-4CON-L180 - 1694376

Dimensional drawing



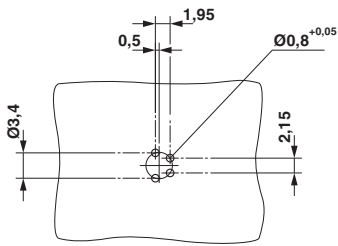
Schematic diagram



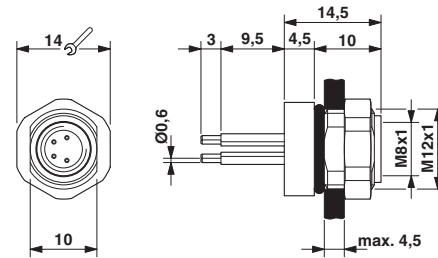
Pin assignment M8 socket, 4-pos., view female side

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

Drilling diagram



Dimensional drawing



M8 flush-type socket

M8 flush-type socket

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 2.0	EC001297
ETIM 3.0	EC002061
ETIM 4.0	EC002062
ETIM 5.0	EC002061
ETIM 6.0	EC002061

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Classifications

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

Approvals


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UL Recognized / cUL Recognized / EAC / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
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cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
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EAC			B.01742
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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
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Nominal current IN	4 A
Nominal voltage UN	30 V

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Approvals

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal current I _N		4 A	
Nominal voltage U _N		30 V	

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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