

# Flush-type connector - SACC-DSI-M8MS-8CON-M8-L180 - 1424238

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Sensor/actuator flush-type connector, plug, 8-pos., M8, rear/screw mounting with M8 fastening 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

RoHS

## Key Commercial Data

Packing unit	20 STK
GTIN	 4 046356 712507
GTIN	4046356712507

## Technical data

### Ambient conditions

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

### General

Rated current at 40°C	1.5 A
Rated voltage	30 V AC 30 V DC
Number of positions	8
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

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## Technical data

### General

Connection method	Solder pins
Mounting type	Rear mounting M8 x 1 With flat nut

### Material

Flammability rating according to UL 94	HB
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PUR
Material, knurled	Zinc die-cast, nickel-plated

### Cable

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

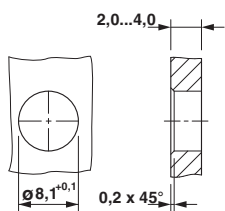
Standard designation	M8 connector
Standards/regulations	IEC 61076-2-104
Flammability rating according to UL 94	HB

### Environmental Product Compliance

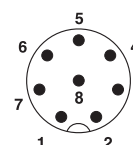
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Dimensional drawing



Schematic diagram

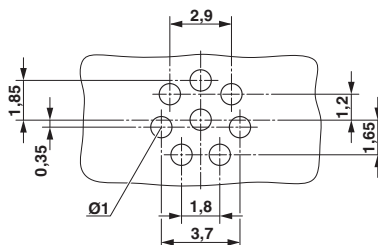


M8 plug pin assignment, 8-pos., view of pin side

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

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Drilling diagram



Plug drilling diagram

## 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
Nominal voltage UN	30 V		
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
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### Approvals

cULus Recognized



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