

Panel feed-through - SACC-DSI-MS-8CON-M12-SCO SH - 1552997

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Sensor/actuator flush-type plug, 8-pos., M12 SPEEDCON, shielded, rear/screw mounting with M12 thread, with straight solder connection

Why buy this product

- ✓ Easy PCB assembly: one-piece connectors for wave soldering
- ✓ All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design
- ✓ SPEEDCON fast locking system reduces cabling times
- ✓ For high transmission reliability: optional shield connection to the housing by means of shield contact



Key Commercial Data

Packing unit	20 STK
GTIN	
GTIN	4046356162029

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
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	2 A
Rated voltage	30 V
Rated surge voltage	0.8 kV
Number of positions	8

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Technical data

General

Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Solder pins
Insertion/withdrawal cycles	> 100
Torque	1.5 Nm ... 2 Nm (Installation-side)
Mounting type	Rear mounting M12 x 1 With flat nut

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Cable

Standards/specifications	M12 connector IEC 61076-2-101
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Standards and Regulations

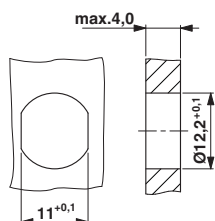
Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

Environmental Product Compliance

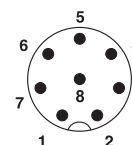
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Schematic diagram

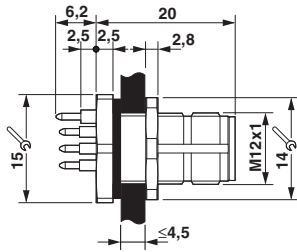


Pin assignment M12 plug, 8-pos., view plug side

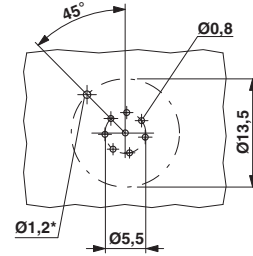
Mounting cutout

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Dimensional drawing

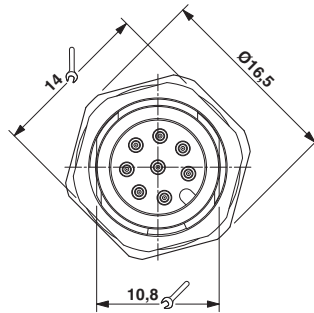


Drilling diagram



M12 flush-type connector

Dimensional drawing



Front view of M12 flush-type connector

Approvals

Approvals

Approvals

UL Recognized / cULus Recognized / EAC


Ex Approvals


Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN	30 V		
Nominal current IN	2 A		
mm ² /AWG/kcmil	24		

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Approvals

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20140616
Nominal voltage UN	30 V	
Nominal current IN	2 A	
mm ² /AWG/kcmil	24-22	

EAC		B.01742
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