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Panel feed-through - SACC-DSI-MS-4CON-M12 SCO - 1551820


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Sensor/actuator flush-type plug, 4-pos., M12 SPEEDCON, A-coded, rear/screw mounting with M12 thread, with straight solder connection



Key Commercial Data

Packing unit	20 STK
GTIN	 4 046356 161886

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	4 A
Rated voltage	250 V
Rated surge voltage	2.5 kV
Number of positions	4
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

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Technical data

General

Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 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 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Cable

Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-25 °C ... 85 °C (cable, flexible installation)

Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
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

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002062
ETIM 5.0	EC002061

UNSPSC

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

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Approvals

Approvals


Approvals

UL Recognized / EAC / cULus Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	26-20
Nominal current I _N	4 A
Nominal voltage U _N	250 V

EAC

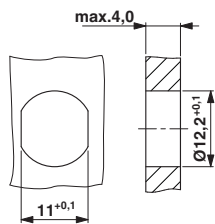
cULus Recognized	
mm ² /AWG/kcmil	20
Nominal current I _N	4 A
Nominal voltage U _N	250 V

EAC

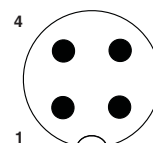
Drawings

Panel feed-through - SACC-DSI-MS-4CON-M12 SCO - 1551820

Dimensional drawing



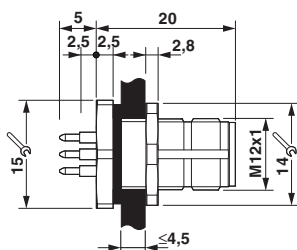
Schematic diagram



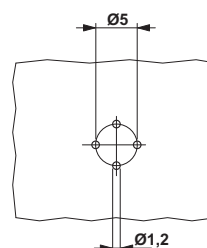
Pin assignment M12 plug, 4-pos., A-coded, view plug side

Panel cutout

Dimensional drawing

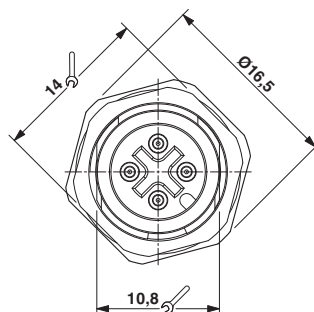


Drilling diagram



M12 flush-type connector

Dimensional drawing



Front view of M12 flush-type connector

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