

Flush-type connector - SACC-DSI-MS-4CON-M12-SCO SH - 1552955


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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



Key commercial data

Packing unit	20 pc
Minimum order quantity	20 pc
GTIN	 4 046356 161985
Weight per Piece (excluding packing)	7.94 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

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
Number of positions	4
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard

Flush-type connector - SACC-DSI-MS-4CON-M12-SCO SH - 1552955

Technical data

General

Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Solder pins
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)
Mounting type	Rear mounting M12 x 1 With flat nut

Material

Inflammability class 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)

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

Flush-type connector - SACC-DSI-MS-4CON-M12-SCO SH - 1552955

Classifications

UNSPSC

UNSPSC 13.2	31251501
-------------	----------

Approvals

Approvals


Approvals

UL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm²/AWG/kcmil	26-20
Nominal current I _N	4 A
Nominal voltage U _N	250 V

EAC

cULus Recognized	
mm²/AWG/kcmil	20
Nominal current I _N	4 A
Nominal voltage U _N	250 V

Accessories

Accessories

Protective cap

Flush-type connector - SACC-DSI-MS-4CON-M12-SCO SH - 1552955

Accessories

Sealing cap - PROT-M12 FS - 1560251



M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

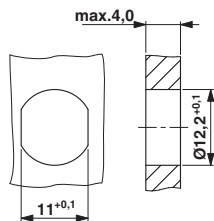
Sealing cap - PROT-M12 FS-M - 1430488



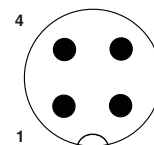
M12 metal sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

Drawings

Dimensioned drawing



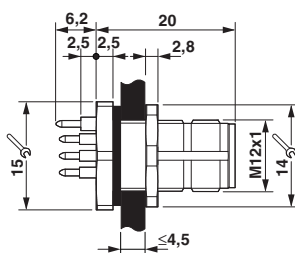
Schematic diagram



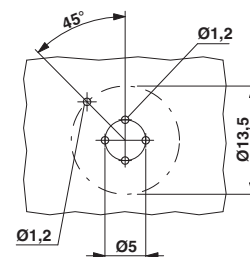
Pin assignment M12 plug, 4-pos., A-coded, view plug side

Panel cutout

Dimensioned drawing



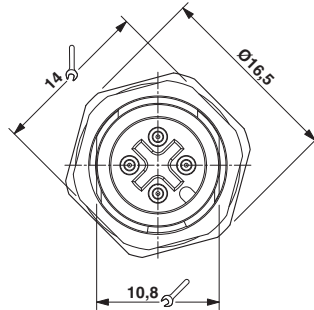
Drilling diagram



M12 flush-type connector

Flush-type connector - SACC-DSI-MS-4CON-M12-SCO SH - 1552955

Dimensioned drawing



Front view of M12 flush-type connector