

Flush-type connector - SACC-DSI-MSB-5CON-L180/SH GN - 1456572


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, with green contact carrier, 5-pos., M12 SPEEDCON, shielded, B-coded, rear/screw mounting with M16 thread, with straight solder connection



Key commercial data

Packing unit	20 pc
Minimum order quantity	20 pc
GTIN	 4 046356 617130
Weight per Piece (excluding packing)	14.46 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length of the solder pin	6 mm
--------------------------	------

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	B - inverse
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No

Flush-type connector - SACC-DSI-MSB-5CON-L180/SH GN - 1456572

Technical data

General

Surge voltage category	II
Pollution degree	3
Connection method	Solder pins
Insertion/withdrawal cycles	> 100
Mounting type	Rear mounting Pg9 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

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 4.0	EC002061
ETIM 5.0	EC002061

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

EAC / cULus Recognized

Flush-type connector - SACC-DSI-MSB-5CON-L180/SH GN - 1456572

Approvals

Ex Approvals

Approvals submitted

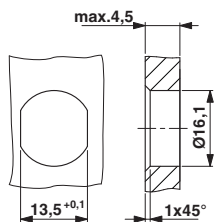
Approval details

EAC

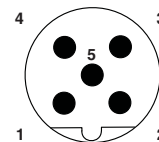
cULus Recognized	
mm ² /AWG/kcmil	20
Nominal current I _N	4 A
Nominal voltage U _N	60 V

Drawings

Dimensioned drawing



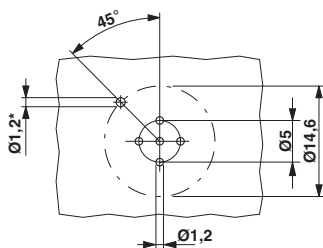
Schematic diagram



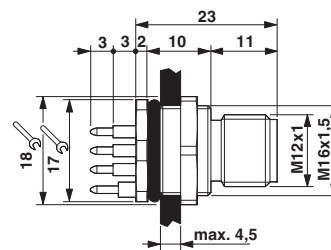
Pin assignment M12 male connector, 5-pos., B-coded, male side

Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with area as anti-rotation protection for panel thicknesses > 2 mm up to max. 4.5 mm)

Drilling diagram



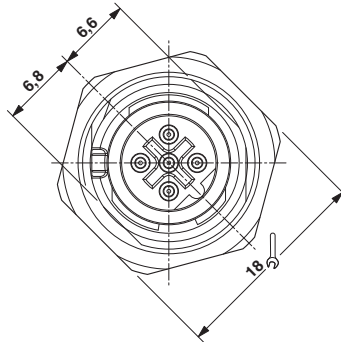
Dimensioned drawing



M12 flush-type connector

Flush-type connector - SACC-DSI-MSB-5CON-L180/SH GN - 1456572

Dimensioned drawing



M12 front view

Phoenix Contact 2015 © - all rights reserved
<http://www.phoenixcontact.com>