

## Flush-type connector - SACC-DSIV-FS-5CON-L180 SCO - 1542570

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Sensor/actuator flush-type connector, socket, 5-pos., M12 SPEEDCON, A-coded, rear/screw mounting with M12 thread, with polarity protection, with straight solder connection



### Key commercial data

Packing unit	1 1
Minimum order quantity	10 1
Weight per Piece (excluding packing)	10.1 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### 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	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Solder pins

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## Technical data

### General

Mounting type	Rear mounting M12 x 1 With flat nut
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### Material

Inflammability class according to UL 94	HB
Contact material	CuZn
Contact surface material	Ni/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	27449001

### ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061

### UNSPSC

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

## Approvals

### Approvals

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## Approvals

Approvals

UL Recognized

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Ex Approvals

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Approvals submitted

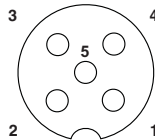
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## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	60 V

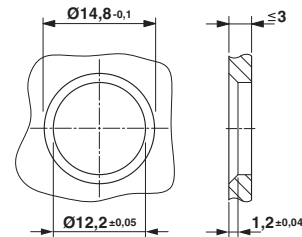
## Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

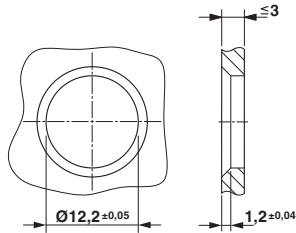
Dimensioned drawing



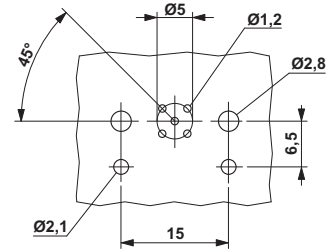
Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 1

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Dimensioned drawing



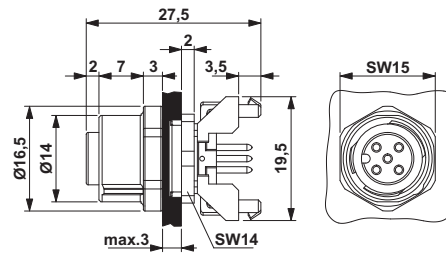
Drilling diagram



Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 2

M12 flush-type connector

Dimensioned drawing



M12 flush-type connector