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Flush-type connector - SACC-DSI-FS-4CON-L180/SCO SH - 1556841


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



Key Commercial Data

Packing unit	20 STK
GTIN	 4 046356 184144

Technical data

Dimensions

Length of the solder pin	6 mm
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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
Status display	No
Overvoltage category	II

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Technical data

General

Degree of pollution	3
Connection method	Solder pins
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)

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

Standards and Regulations

Flammability rating according to UL 94	V0
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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	EC000516
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

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Approvals

Approvals

UL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

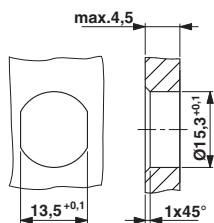
UL Recognized	
mm ² /AWG/kcmil	26-20
Nominal current I _N	4 A
Nominal voltage U _N	250 V

EAC

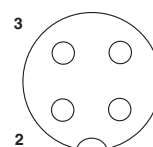
cULus Recognized	
mm ² /AWG/kcmil	20
Nominal current I _N	4 A
Nominal voltage U _N	250 V

Drawings

Dimensional drawing



Schematic diagram

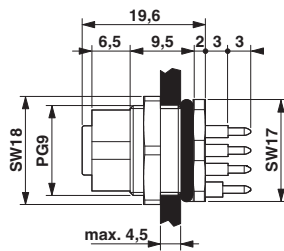


Pin assignment M12 socket, 4-pos., A-coded, view female side

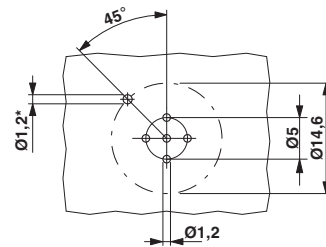
Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with area as anti-rotation protection for panel thicknesses > 2 mm up to max. 4.5 mm)

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Dimensional drawing



Drilling diagram



M12 flush-type connector

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Product	Code	Reference	Product link
Sensor/actuator flush-type socket, 4-pos., M12 SPEEDCON, shielded, A-coded, rear/screw mounting with M12 thread, with straight solder connection	1556841	SACC-DSI-FS-4CON-L180/SCO SH	Buy on EAN