

Flush-type connector - SACC-DSI-FS-8CON-L180/SH TQ - 1456543


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Sensor/actuator flush-type socket, with water blue contact carrier, 8-pos., M12 SPEEDCON, shielded, 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 617239
Weight per Piece (excluding packing)	14.24 g
Custom tariff number	85366990
Country of origin	Germany

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)
Degree of protection	IP67

General

Rated current at 40°C	2 A
Rated voltage	30 V
Number of positions	8
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

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Technical data

General

Pollution degree	3
Connection method	Solder pins
Insertion/withdrawal cycles	≥ 100
Mounting type	Rear mounting M16 x 1.5 With flat nut

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	FKM

Cable

Transmission characteristics (category)	CAT5 (IEC 11801:2002)
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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 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

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Approvals

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UL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

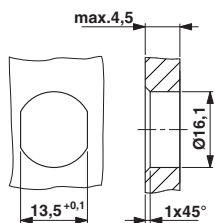
UL Recognized	
mm ² /AWG/kcmil	26-20
Nominal current I _N	2 A
Nominal voltage U _N	30 V

EAC

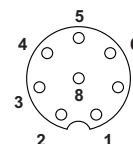
cULus Recognized	
mm ² /AWG/kcmil	22
Nominal current I _N	2 A
Nominal voltage U _N	30 V

Drawings

Dimensioned drawing



Schematic diagram



Pin assignment M12 socket, 8-pos., A-coded, view female 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)

