



Automatización Eléctrica
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Flush-type connector - SACC-DSI-M12FS-8CON-L180 VA - 1529797

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Sensor/actuator flush-type socket, 8-pos, M12, rear/screw mounting with Pg9 thread, with straight solder connection, high-grade steel version

Key Commercial Data

Packing unit	20 STK
GTIN	 4 017918 981792

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
Degree of protection	IP67
	IP69K

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	2 A
Rated voltage	30 V
Rated surge voltage	0.8 kV
Number of positions	8
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Solder pins
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)

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Technical data

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	High-grade steel
Sealing material	FKM

Cable

Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-25 °C ... 85 °C (cable, flexible installation)

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
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 2.0	EC001297
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
UNSPSC 13.2	31251501

Approvals

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Flush-type connector - SACC-DSI-M12FS-8CON-L180 VA - 1529797

Approvals

Approvals

UL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

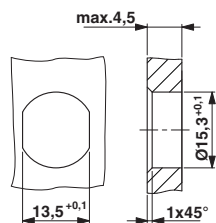
UL Recognized	
mm ² /AWG/kcmil	26-20
Nominal current I _N	2 A
Nominal voltage U _N	30 V

EAC

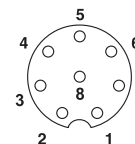
cULus Recognized	
mm ² /AWG/kcmil	22
Nominal current I _N	2 A
Nominal voltage U _N	30 V

Drawings

Dimensional drawing



Schematic diagram

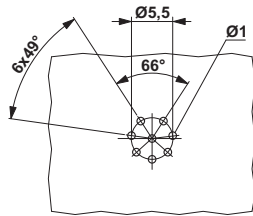


Pin assignment M12 socket, 8-pos., A-coded, view female side

Mounting cutout with polarization for Pg9 thread

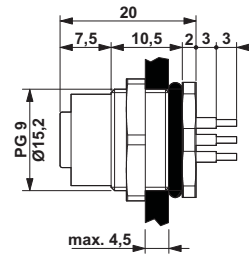
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Drilling diagram



M12 flush-type connector

Dimensional drawing



M12 flush-type connector

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Product	Code	Reference	Product link
Sensor/actuator flush-type socket, 8-pos, M12, rear/screw mounting with Pg9 thread, with straight solder connection, high-grade steel version	1529797	SACC-DSI-M12FS-8CON-L180 VA	Buy on EAN