

Flush-type connector - SACC-DSI-M 8FS-3CON-L180 - 1694363

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Sensor/actuator flush-type connector, female, 3-pos., M8, rear/screw mounting with M12 thread, with straight solder connection



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	20 pc
Weight per Piece (excluding packing)	13.64 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

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

General

Rated current at 40°C	4 A
Rated voltage	50 V AC
	60 V DC
Number of positions	3
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Overvoltage category	II
Pollution degree	3

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Technical data

General

Connection method	Solder pins
Mounting type	Rear mounting M12 x 1 With locking nut

Material

Flammability rating according to UL 94	HB
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Nickel-plated brass
Sealing material	NBR

Standards and Regulations

Standard designation	M8 connector
Standards/regulations	IEC 61076-2-104
Connection in acc. with standard	CUL
Flammability rating according to UL 94	HB

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	27440104
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

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Classifications

UNSPSC

UNSPSC 13.2	31251501
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Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
Nominal current IN	4 A
Nominal voltage UN	125 V

cUL Recognized 	
Nominal current IN	4 A
Nominal voltage UN	125 V

EAC

EAC

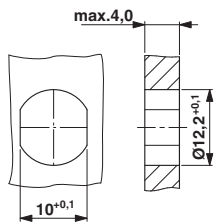
Flush-type connector - SACC-DSI-M 8FS-3CON-L180 - 1694363

Approvals



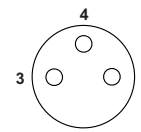
Drawings

Dimensional drawing



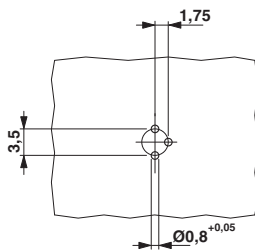
Housing cutout for M8 flush-type connector, socket, one-section

Schematic diagram



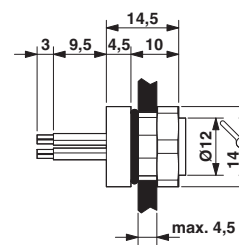
Pin assignment M8 socket, 3-pos., view female side

Drilling diagram



M8 flush-type socket

Dimensional drawing



M8 flush-type socket