

Flush-type connector - SACC-CIP-M12MSD-4P SMD SH R32 - 1412011

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Flush-type connector, Ethernet/PROFINET CAT5 (100 Mbps), 4-position, Plug, straight, M12, D-coded, PCB mounting, SMD

Your advantages

- ✓ Reduced mounting costs thanks to two-piece device connector
- ✓ Packaging available for automated pick and place assembly
- ✓ All common pin assignments and codings available
- ✓ Easy device integration thanks to mechanical port screw connections with threaded attachment, press-in contour or direct integration in the front plate
- ✓ Optional shield connection and seal for the device when not plugged in

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
GTIN	 4 046356 992848
GTIN	4046356992848
Weight per Piece (excluding packing)	7.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 105 °C (Plug / socket)
	-55 °C ... 105 °C (without mechanical actuation)
	-40 °C ... 105 °C (Plug / socket)

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Technical data

Ambient conditions

Degree of protection	IP67 (correctly plugged in and locked)
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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	D - data
Standards/regulations	M12 connector IEC 61076-2-101 In line with
Signal type/category	Ethernet/PROFINET CAT5, 100 Mbps
Overvoltage category	II
Degree of pollution	3
Connection method	SMD
Insertion/withdrawal cycles	> 100
Mounting type	PCB mounting
Type of packaging	Belt
Delivery state	with assembly pad
Transmission characteristics (category)	CAT5

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Sealing material	FKM

Cable

Standards/specifications	M12 connector IEC 61076-2-101 In line with
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
Transmission speed	100 Mbps

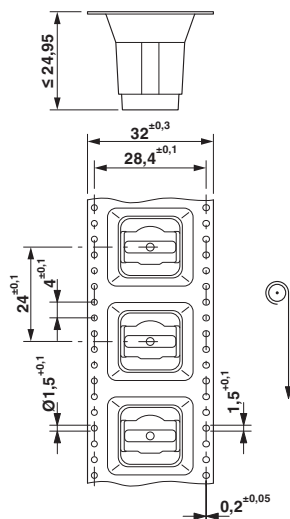
Standards and Regulations

Standards/specifications	M12 connector IEC 61076-2-101 In line with
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Environmental Product Compliance

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Dimensional drawing



SMD tape-on-reel packing

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 11.0	27440102
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 6.0	EC002061
ETIM 7.0	EC002635

UNSPSC

UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

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Approvals

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EAC / cULus Recognized

Ex Approvals

Approval details

EAC		B.01687
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E221474-20160506
Nominal voltage UN		250 V	
Nominal current IN		4 A	

Accessories

Accessories

Panel mounting base

Housing screw connection - SACC-BP-M-M12/M15-6-SMD - 1414000



Housing screw connection, Plug, M12, Rear mounting, M15 x 1

Housing screw connection - SACC-BP-M-M12/M15-6-SMD SCO - 1414002



Housing screw connection, Plug, M12-SPEEDCON, Rear mounting, M15 x 1

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Accessories

Housing screw connection - SACC-FP-M-M12/M14 SMD - 1412078



M12 pin, front mounting SMD with M14 screw fastening

Housing screw connection - SACC-FP-M-M12/PRESS SMD - 1412080



Housing screw connection, pin, for the two-part M12 SMD connector, for press-in mounting.

Housing screw connection - SACC-BP-M-M12-SMD PP - 1107993



Housing screw connection, Plug, M12-Push-Pull, Rear mounting, M15 x 1, SMD

Housing screw connection - SACC-FP-M-M12-SMD PP - 1107999



Housing screw connection, Plug, M12-Push-Pull, Front mounting, M14 x 1, THR- und Wellenlötkontakte
