SACC-DSI-M12FSD-4CON-L180 VA - Device connector rear mounting

1424071

https://www.phoenixcontact.com/us/products/1424071

PHŒNIX CONTACT

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Device connector rear mounting, Ethernet, 4-position, Socket, straight, coding: D, Rear mounting, Pg9, Solder pins, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239435

Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design

Commercial data

Item number	1424071
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB26
Product key	ABQEPL
GTIN	4046356675413
Weight per piece (including packing)	15.337 g
Weight per piece (excluding packing)	15.337 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling)
General	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.
General	Lock nut is included in the scope of delivery

Mounting

Mounting type	Rear mounting Pg9 With locking nut
Assembly instructions	With locking nut

Product properties

Product type	Circular connectors (device side)
Sensor type	Ethernet
Number of positions	4
Shielded	no
Coding	D
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Dimensions

Length of the solder pin	6 mm
	6 mm

Material specifications

Flammability rating according to UL 94	V0
Seal material	FKM
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 6.6
Material for screw connection	Stainless steel

Electrical properties

Contact resistance	≤ 3 mΩ

Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	250 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Solder pins
Contact connection type	Socket

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100

Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Coding	D

Cable/line

Signal type/category	Ethernet

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67/IP69/IP69K
	IP65/IP67/IP69K
Ambient temperature (operation)	-25 °C ... 85 °C
	-40 °C ... 85 °C (without mechanical actuation)

Standards and regulations

M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

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Environmental product compliance

REACh SVHC	Lead 7439-92-1

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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