SACC-DSIV-M12MSD-4CON-L90 - Device connector rear mounting

1434866

https://www.phoenixcontact.com/us/products/1434866

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Bus system flush-type connector, Ethernet, 4-pos., M12, shielded, D-coded, rear/screw mounting, with angled solder connection

Commercial data

Item number	1434866
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB23
Product key	ABQEGI
GTIN	4046356410779
Weight per piece (including packing)	11.47 g
Weight per piece (excluding packing)	11.47 g
Customs tariff number	85369010
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)

Mounting

Mounting type	Rear mounting (M12 x 1, with flat nut)

Product properties

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

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	CuZn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	CuZn
Material Contact surface	Au
Material Seal	NBR
Flammability rating according to UL 94	HB

Electrical properties

Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	250 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Wave soldering
Contact connection type	Pin

Connector

Connection 1

Head design	Pin
Head cable outlet	angled
Head thread type	M12
Coding	D

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

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

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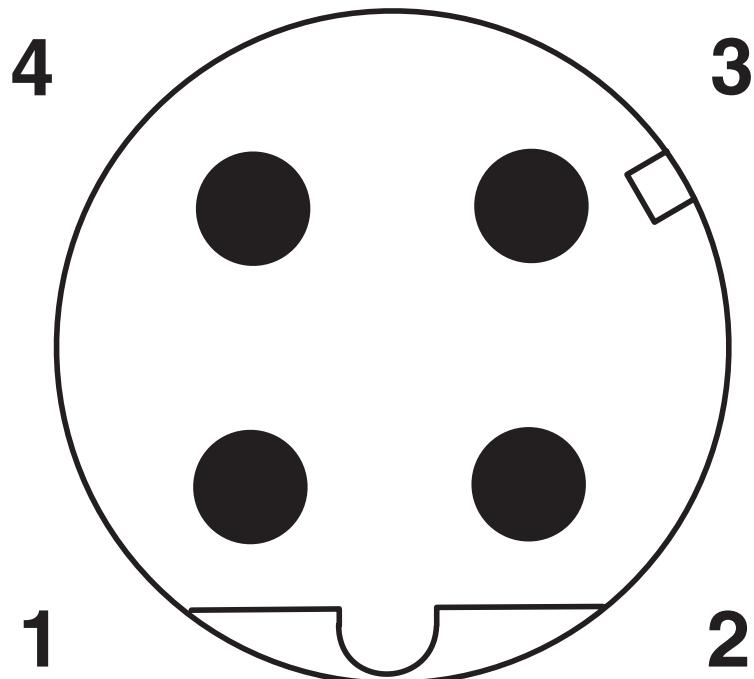https://www.phoenixcontact.com/us/products/1434866

Drawings

Schematic diagram

Pin assignment M12 male connector, 4-pos., D-coded, male side

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Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 9.0	EC003568

UNSPSC

UNSPSC 21.0	39121400

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	5e0d6752-675f-416f-96df-a01a27e85688