SACC-DSIV-M12-NUT-9 THR PPI - Housing screw connection

1249211

https://www.phoenixcontact.com/us/products/1249211

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Housing screw connection, Socket, M12, Front mounting, M14 x 1, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb <0.1%)

Your advantages

- Easy device integration, thanks to mechanical port screw connections with threaded fastening
- Flexible PCB assembly: two-piece connectors for wave and THR soldering

Commercial data

Item number	1249211
Packing unit	1 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQAAI
GTIN	4063151354213
Weight per piece (including packing)	10.57 g
Weight per piece (excluding packing)	10.57 g
Customs tariff number	74198090
Country of origin	DE

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Technical data

Notes

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	If necessary, order locking nut separately

Product properties

Product type	Panel mounting base

Material specifications

Seal material	FKM
	FKM
Material for screw connection	Brass, nickel-plated

Connector

Connection 1

Head design	Socket
Head thread type	M12

Cable/line

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

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100

Environmental and real-life conditions

Ambient conditions

Degree of protection (when plugged in)	IP67 (correctly plugged in and locked)
Degree of protection	IP67 (correctly plugged in and locked)
	IP67, when in locked state
	IP65, when in locked state
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
	-25 °C ... 85 °C (Cable, flexible installation)
	-40 °C ... 85 °C (cable, fixed installation)

Standards and regulations

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Standard designation	M12 connector
Standards/specifications	IEC 61076-2-010
Note	In line with

Mounting

Mounting type	Front mounting M14 x 1

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Classifications

ECLASS

ECLASS-11.0	27440224
ECLASS-12.0	27440224
ECLASS-13.0	27440224

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

SACC-M14-NUT - Flat nut

1412077

https://www.phoenixcontact.com/us/products/1412077

Flat nut, Screw mounting, M14 x 1, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1238969

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