

SACC-FP-F-M12/M14 THR PW - Housing screw connection



1420825

<https://www.phoenixcontact.com/us/products/1420825>

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Housing screw connection, Pin, M12, Front mounting, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239325

Your advantages

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

Commercial data

Item number	1420825
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQACL
GTIN	4055626280523
Weight per piece (including packing)	8.45 g
Weight per piece (excluding packing)	8.45 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Notes on operation	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.
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Product properties

Product type	Panel mounting base
Thread type	M12

Connection data

Connection method	THR solder connection
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Material specifications

Material	Brass, nickel-plated
Flammability rating according to UL 94	V0
Seal material	FKM

Connector

Connection 1

Head design	Pin
Head thread type	M12

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
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket) -40 °C ... 85 °C (without mechanical actuation)

Mounting

Mounting type	Front mounting
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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC003556
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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	540cb39e-da35-4624-a6c2-93a3b257d0bd

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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



PROT M12 MS PWR - Screw plug

1092802

<https://www.phoenixcontact.com/us/products/1092802>

An M12 screw plug for the unoccupied M12 females of the M12 POWER connectors, boxes, and flush-type connectors



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