

SACC-BP-F-M12/M15-7-THR - Housing screw connection



1414003

<https://www.phoenixcontact.com/us/products/1414003>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Housing screw connection, Socket, M12, Rear mounting, M15 x 1, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239055

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	1414003
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQADE
GTIN	4055626022604
Weight per piece (including packing)	10.79 g
Weight per piece (excluding packing)	10.16 g
Customs tariff number	79070000
Country of origin	DE

SACC-BP-F-M12/M15-7-THR - Housing screw connection



1414003

<https://www.phoenixcontact.com/us/products/1414003>

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	Lock nut is included in the scope of delivery

Product properties

Product type	Panel mounting base
Thread type	M12

Connection data

Connection method	THR solder connection
Tightening torque	1.5 ... 2 Nm

Material specifications

Material	Zinc die-cast (nickel-plated)
Material	Brass, nickel-plated
Seal material	FKM
	FKM
Material for screw connection	Zinc die-cast, nickel-plated

Connector

Connection 1

Head design	Socket
Head thread type	M12

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

Standards and regulations

SACC-BP-F-M12/M15-7-THR - Housing screw connection



1414003

<https://www.phoenixcontact.com/us/products/1414003>

M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101
Note	In line with

Mounting

Mounting type	Rear mounting M15 x 1 Spacing between the top edge of the PCB and the back of the front plate: 7 mm
Assembly instructions	Spacing between the top edge of the PCB and the back of the front plate: 7 mm

SACC-BP-F-M12/M15-7-THR - Housing screw connection



1414003

<https://www.phoenixcontact.com/us/products/1414003>

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC003556
----------	----------

UNSPSC

UNSPSC 21.0	31171600
-------------	----------

SACC-BP-F-M12/M15-7-THR - Housing screw connection



1414003

<https://www.phoenixcontact.com/us/products/1414003>

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"

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com