

SACC-BP-M-M12-THR PW PP - Housing screw connection



1108101

<https://www.phoenixcontact.com/gb/products/1108101>

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 with M12 standard thread, push-pull, with O-ring, for 2-piece K-, L-, and M-coded THR contact carriers

Your advantages

- Manufacturer-independent M12 push-pull locking system for maximum availability
- Easy and quick cabling of devices and systems in hard-to-reach areas
- 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	1108101
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	ABQCCA
Product key	ABQABC
GTIN	4063151011499
Weight per piece (including packing)	10.99 g
Weight per piece (excluding packing)	9.798 g
Customs tariff number	85366990
Country of origin	DE

SACC-BP-M-M12-THR PW PP - Housing screw connection



1108101

<https://www.phoenixcontact.com/gb/products/1108101>

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.
Order information:	Lock nut is included in the scope of delivery

Product properties

Product type	Panel mounting base
Thread type	M12

Connection data

Connection method	THR- und Wellenlötkontakte
Tightening torque	1.5 ... 2 Nm

Material specifications

Material	Brass, nickel-plated
Flammability rating according to UL 94	V0
Seal material	FKM
Material of grip body	Brass, nickel-plated
Material for screw connection	Brass, nickel-plated

Connector

Connection 1

Head design	Pin
Head thread type	M12
Head locking type	Push-pull external locking

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)
UL Type Rating	Type 4 (indoor use only)

SACC-BP-M-M12-THR PW PP - Housing screw connection



1108101

<https://www.phoenixcontact.com/gb/products/1108101>

Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	based on IEC 61076-2-010
Note	Push-pull

Mounting

Mounting type	Rear mounting M15 x 1
---------------	-----------------------

SACC-BP-M-M12-THR PW PP - Housing screw connection



1108101
<https://www.phoenixcontact.com/gb/products/1108101>

Classifications

ECLASS

ECLASS-13.0	27440224
-------------	----------

ETIM

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

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

SACC-BP-M-M12-THR PW PP - Housing screw connection



1108101

<https://www.phoenixcontact.com/gb/products/1108101>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk