

SACC-M12 PLUG PRESS PP - Housing screw connection



1454498

<https://www.phoenixcontact.com/gb/products/1454498>

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, Pin, M12-Push-pull external locking, Front mounting, THR solder connection

Your advantages

- Plug and Produce: quick and reliable connection even in confined spaces
- Easy design-in: countersunk M12 ports for compact device concepts
- Highly future-proof: standardized product range for worldwide availability
- Greater flexibility: one M12 device connection for screw and push-pull connectors

Commercial data

Item number	1454498
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	ABQCCA
Product key	ABQAAG
GTIN	4063151842987
Weight per piece (including packing)	10.35 g
Weight per piece (excluding packing)	8.79 g
Customs tariff number	74198090
Country of origin	DE

SACC-M12 PLUG PRESS PP - Housing screw connection



1454498

<https://www.phoenixcontact.com/gb/products/1454498>

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.
--------------------	--

Product properties

Product type	Panel mounting base
Thread type	M12

Connection data

Connection method	THR solder connection
-------------------	-----------------------

Material specifications

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)	IP65/IP67 (correctly plugged in and locked)
Degree of protection	IP65/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)
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

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

SACC-M12 PLUG PRESS PP - Housing screw connection



1454498
<https://www.phoenixcontact.com/gb/products/1454498>

Mounting

Mounting type	Front mounting Press-in mounting
Assembly note	Press-in mounting

SACC-M12 PLUG PRESS PP - Housing screw connection



1454498
<https://www.phoenixcontact.com/gb/products/1454498>

Classifications

ECLASS

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

ETIM

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

SACC-M12 PLUG PRESS PP - Housing screw connection



1454498

<https://www.phoenixcontact.com/gb/products/1454498>

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