

# SACC-M12 PLUG PRESS PP - Housing screw connection



1454498

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

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Housing screw connection, Pin, M12-Push-pull external locking, THR solder connection



The figure shows standard version

## 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	AB23
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

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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	Circular connector housing
Thread type	M12

### Connection data

Connection method	THR solder connection
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### Material specifications

Material for screw connection	Brass, nickel-plated
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### 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
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### 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) (male connector/female connector)	-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

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## Mounting

Mounting type	Front mounting (Press-in mounting)
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## Classifications

### ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

### ETIM

ETIM 10.0	EC003556
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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