

# SACC-M12 NUT PRESS - Housing screw connection



1437889

<https://www.phoenixcontact.com/us/products/1437889>

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-Screw locking mechanism, THR solder connection, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

## Your advantages

- Easy device integration, thanks to mechanical port screw connections with press-in contour
- Flexible PCB assembly: two-piece connectors for wave and THR soldering

## Commercial data

Item number	1437889
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQACK
GTIN	4046356457552
Weight per piece (including packing)	10.28 g
Weight per piece (excluding packing)	10.143 g
Customs tariff number	74198090
Country of origin	DE

# SACC-M12 NUT PRESS - Housing screw connection



1437889

<https://www.phoenixcontact.com/us/products/1437889>

## 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	Circular connector housing
Thread type	M12

### Connection data

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

### Material specifications

Material Housing	CuZn/Ni
Material Seal	EPDM (O-ring)

### Connector

#### Connection 1

Head design	Socket
Head thread type	M12
Head locking type	Screw locking mechanism

### 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) (male connector/female connector)	-25 °C ... 105 °C (Plug / socket) -40 °C ... 105 °C (without mechanical actuation)
UL Type Rating	Type 4 (indoor use only)

### Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101

# SACC-M12 NUT PRESS - Housing screw connection



1437889

<https://www.phoenixcontact.com/us/products/1437889>

## Mounting

Mounting type

Front mounting (Press-in mounting)

# SACC-M12 NUT PRESS - Housing screw connection



1437889

<https://www.phoenixcontact.com/us/products/1437889>

## Classifications

### ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

### ETIM

ETIM 10.0	EC003556
-----------	----------

### UNSPSC

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

# SACC-M12 NUT PRESS - Housing screw connection



1437889

<https://www.phoenixcontact.com/us/products/1437889>

## 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 2026 © - 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](mailto:info@phoenixcon.com)