

# SACC-DSIV-M12-NUT-9 THR - Housing screw connection



1417989

<https://www.phoenixcontact.com/us/products/1417989>

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, Front mounting, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239181

## 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	1417989
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	AB23
Product key	ABQACI
GTIN	4055626276984
Weight per piece (including packing)	9.12 g
Weight per piece (excluding packing)	9.12 g
Customs tariff number	85366990
Country of origin	DE

# SACC-DSIV-M12-NUT-9 THR - Housing screw connection



1417989

<https://www.phoenixcontact.com/us/products/1417989>

## 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:	If necessary, order locking nut separately

### Product properties

Product type	Panel mounting base
Thread type	M12

### Data management status

Article revision	01
------------------	----

### Connection data

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

### Material specifications

Material	Brass, nickel-plated
Material for screw connection	Brass, nickel-plated

### 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

#### M12

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

### Mounting

Mounting type	Front mounting
Thread type	()

# SACC-DSIV-M12-NUT-9 THR - Housing screw connection



1417989

<https://www.phoenixcontact.com/us/products/1417989>

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

UNSPSC 21.0	39121100
-------------	----------

# SACC-DSIV-M12-NUT-9 THR - Housing screw connection



1417989

<https://www.phoenixcontact.com/us/products/1417989>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	8e6885b3-ec75-4d37-83e7-7ced389656d1

# SACC-DSIV-M12-NUT-9 THR - Housing screw connection



1417989

<https://www.phoenixcontact.com/us/products/1417989>

## Accessories

### SACC-M14-NUT - Flat nut

1412077

<https://www.phoenixcontact.com/us/products/1412077>

Flat nut, Screw mounting, M14 x 1, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1238969



---

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](mailto:info@phoenixcon.com)