

# SACC-BP-M-M12/M15-6-SMD - Housing screw connection



1414000

<https://www.phoenixcontact.com/us/products/1414000>

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-Screw locking mechanism, SMD reflow



## Your advantages

- Reduced mounting costs thanks to two-piece device connector
- Easy device integration, thanks to mechanical port screw connections with threaded fastening
- Efficient PCB assembly: two-piece connectors for SMT soldering

## Commercial data

Item number	1414000
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQBDA
GTIN	4055626022703
Weight per piece (including packing)	9.75 g
Weight per piece (excluding packing)	8.388 g
Customs tariff number	79070000
Country of origin	DE

# SACC-BP-M-M12/M15-6-SMD - Housing screw connection



1414000

<https://www.phoenixcontact.com/us/products/1414000>

## 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	Circular connector housing
Thread type	M12

### Connection data

Connection method	SMD reflow
-------------------	------------

### Material specifications

Material Housing	GD-Zn
Material Housing surface	nickel-plated
Material for screw connection	Zinc die-cast, nickel-plated

### Connector

Connection 1	
Head design	Pin
Head thread type	M12
Head locking type	Screw locking mechanism

### Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP67, 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	according to IEC 61076-2-101

### Mounting

Mounting type	Rear mounting
---------------	---------------

# SACC-BP-M-M12/M15-6-SMD - Housing screw connection



1414000

<https://www.phoenixcontact.com/us/products/1414000>

## Classifications

### ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

### ETIM

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

### UNSPSC

UNSPSC 21.0	31171600
-------------	----------

# SACC-BP-M-M12/M15-6-SMD - Housing screw connection



1414000

<https://www.phoenixcontact.com/us/products/1414000>

## 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 USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)