

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



1414000

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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

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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.
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
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### 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
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## Classifications

### ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

### ETIM

ETIM 9.0	EC003556
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### UNSPSC

UNSPSC 21.0	31171600
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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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