

SACC-BP-M-M12/M15-7-THR - Housing screw connection



1413996
<https://www.phoenixcontact.com/gb/products/1413996>

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Housing screw connection, Pin, M12, Rear mounting, M15 x 1, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239049

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 | 1413996 |
| Packing unit | 20 pc |
| Minimum order quantity | 20 pc |
| Sales key | ABQADA |
| Product key | ABQADA |
| GTIN | 4055626022666 |
| Weight per piece (including packing) | 10.87 g |
| Weight per piece (excluding packing) | 9.618 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 | Panel mounting base |
| Thread type | M12 |

Connection data

| | |
|-------------------|-----------------------|
| Connection method | THR solder connection |
| Tightening torque | 1.5 ... 2 Nm |

Material specifications

| | |
|---------------|-------------------------------|
| Material | Zinc die-cast (nickel-plated) |
| Seal material | FKM |

Connector

Connection 1

| | |
|------------------|-----|
| Head design | Pin |
| Head thread type | M12 |

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) | -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 |

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Mounting

| | |
|---------------|---|
| Mounting type | Rear mounting M15 x 1 Spacing between the top edge of the PCB and the back of the front plate: 7 mm |
| Assembly note | Spacing between the top edge of the PCB and the back of the front plate: 7 mm |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440224 |
|-------------|----------|

ETIM

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

UNSPSC

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

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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 | 75ce8d78-8ec2-4932-bd48-f8899afa5cc3 |

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