

SACC-BP-F-M12/M15-6-THR WNO - Housing screw connection



1070297

<https://www.phoenixcontact.com/us/products/1070297>

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Housing screw connection, Socket, M12, Rear mounting, M15 x 1, THR solder connection

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 | 1070297 |
| Packing unit | 20 pc |
| Minimum order quantity | 100 pc |
| Note | Made to order (non-returnable) |
| Product key | ABQADE |
| GTIN | 4055626749709 |
| Weight per piece (including packing) | 8.233 g |
| Weight per piece (excluding packing) | 8.195 g |
| Country of origin | DE |

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Technical data

Notes

| | |
|---------|--|
| General | 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 | 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) |
|----------|-------------------------------|

Connector

Connection 1

| | |
|------------------|--------|
| Head design | Socket |
| 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) |

Standards and regulations

M12

| | |
|--------------------------|-----------------|
| Standard designation | M12 connector |
| Standards/specifications | IEC 61076-2-101 |

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| | |
|------|--------------|
| Note | In line with |
|------|--------------|

Mounting

| | |
|-----------------------|---|
| Mounting type | Rear mounting M15 x 1 Spacing between the top edge of the PCB and the back of the front plate: 6 mm |
| Assembly instructions | Spacing between the top edge of the PCB and the back of the front plate: 6 mm |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 23100602 |
| ECLASS-13.0 | 27440224 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC003863 |
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UNSPSC

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

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Environmental product compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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