

SACC-M12 NUT PRESS V4A - Housing screw connection



1053969

<https://www.phoenixcontact.com/us/products/1053969>

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Housing screw connection for two-piece M12 connectors for the reflow soldering process.



Your advantages

- Easy device integration, thanks to mechanical port screw connections with press-in contour
- Flexible PCB assembly: two-piece connectors for wave and THR soldering

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1053969 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB23 |
| Product key | ABQACK |
| GTIN | 4055626686271 |
| Weight per piece (including packing) | 9.7 g |
| Weight per piece (excluding packing) | 9.353 g |
| Customs tariff number | 74198090 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|--------------|----------------------------|
| Product type | Circular connector housing |
| Thread type | M12 |

Material specifications

| | |
|------------------|---------------------|
| Material Housing | Stainless steel V4A |
| Material Seal | EPDM (O-ring) |

Connector

Connection 1

| | |
|-------------------|-------------------------|
| Head design | Socket |
| Head thread type | M12 |
| Head locking type | Screw locking mechanism |

Mechanical properties

Mechanical data

| | |
|-----------------------------|-------|
| Insertion/withdrawal cycles | > 100 |
|-----------------------------|-------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP67 (correctly plugged in and locked) |
| 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 | Front mounting (Press-in mounting) |
|---------------|------------------------------------|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440224 |
| ECLASS-15.0 | 27440224 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC003556 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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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%

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