

SACC-BP-F-M8/M12 SMD - Housing screw connection



1412506

<https://www.phoenixcontact.com/us/products/1412506>

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Housing screw connection, Socket, M8-Screw locking mechanism, this item is expected to be lead-free from Q2 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

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 | 1412506 |
| Packing unit | 20 pc |
| Minimum order quantity | 10 pc |
| Sales key | AB22 |
| Product key | ABQHBI |
| GTIN | 4046356989114 |
| Weight per piece (including packing) | 8.005 g |
| Weight per piece (excluding packing) | 7.802 g |
| Customs tariff number | 74198090 |
| Country of origin | DE |

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Technical data

Notes

| | |
|--------------------|---|
| Order information: | Lock nut is included in the scope of delivery |
|--------------------|---|

Product properties

| | |
|--------------|----------------------------|
| Product type | Circular connector housing |
| Thread type | M8 |

Material specifications

| | |
|--|----------------------|
| Material | Brass, nickel-plated |
| Flammability rating according to UL 94 | V0 |
| Seal material | FKM |

Connector

Connection 1

| | |
|-------------------|-------------------------|
| Head design | Socket |
| Head thread type | M8 |
| Head locking type | Screw locking mechanism |

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) |

Mounting

| | |
|---------------|-------------------------|
| Mounting type | Rear mounting (M12 x 1) |
|---------------|-------------------------|

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Classifications

ECLASS

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

ETIM

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

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|-------------|----------|
| UNSPSC 21.0 | 39121400 |
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Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

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|--|---|
| 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 | a8a649e8-a5d6-4d64-a20c-d57c1105c092 |

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