

1456572

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Device connector rear mounting, 5-position, Pin, straight, M12-SPEEDCON, coding: B, Rear mounting, Pg9, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239822

Your advantages

- · Easy PCB assembly: one-piece connectors for wave soldering
- · All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design
- · For high transmission reliability: optional shield connection to the housing by means of shield contact

Commercial data

| Item number | 1456572 |
|--------------------------------------|--------------------------------|
| Packing unit | 20 рс |
| Minimum order quantity | 20 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB26 |
| Product key | ABQEGB |
| Catalog page | Page 62 (PC-2011) |
| GTIN | 4046356617130 |
| Weight per piece (including packing) | 14.465 g |
| Weight per piece (excluding packing) | 14.465 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |



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Technical data

| rder information: | Lock nut is included in the scope of delivery |
|--|---|
| nting | |
| Mounting type | Rear mounting Pg9 With flat nut |
| Assembly note | With flat nut |
| luct properties | |
| Product type | Circular connectors (device side) |
| Application | Data |
| Number of positions | 5 |
| Shielded | yes |
| Coding | В |
| Thread type | M12 |
| ulation characteristics | |
| Overvoltage category | П |
| Degree of pollution | 3 |
| ensions | |
| Length of the solder pin | 6 mm |
| | 6 mm |
| erial specifications | |
| Flammability rating according to UL 94 | VO |
| Seal material | NBR |
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PA 6.6 |
| Material for screw connection | Zinc die-cast, nickel-plated |
| trical properties | |
| Rated surge voltage | 1.5 kV |
| Contact resistance | ≤ 3 mΩ |
| Insulation resistance | ≥ 100 MΩ |
| Nominal voltage U _N | 60 V |
| Nominal current I _N | 4 A |

Connection data

| Conductor connection | |
|----------------------|----------------|
| Connection method | Wave soldering |

SACC-DSI-MSB-5CON-L180/SH GN - Device

connector rear mounting



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| Contact connection type | Pin | | |
|--|----------|--|--|
| Mechanical properties | | | |
| Mechanical data | | | |
| Insertion/withdrawal cycles | > 100 | | |
| Connector | | | |
| Connection 1 | | | |
| Head design | Pin | | |
| Head cable outlet | straight | | |
| Head thread type | M12 | | |
| Head locking type | SPEEDCON | | |
| Coding | В | | |
| Environmental and real-life conditions | | | |
| Ambient conditions | | | |

| Degree of protection | IP67 (When plugged in) |
|---------------------------------|------------------------------|
| | IP65 (When plugged in) |
| | IP65/IP67 |
| Ambient temperature (operation) | -25 °C 85 °C (Plug / socket) |

Standards and regulations

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

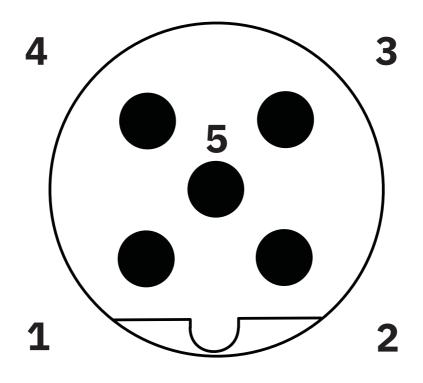


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Drawings

Schematic diagram



Pin assignment M12 male connector, 5-pos., B-coded, male side



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Approvals

🌣 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1456572

| CULus Recognized Approval ID: E221474-20140616 | | | | |
|---|-----------------------------|--------------------------------|-------------------|-------------------------------|
| Nomina | Il voltage U _N I | Nominal current I _N | Cross section AWG | Cross section mm ² |
| 60 V | | 4 A | - | - |

| Approval ID: E118976-20100522 | | | | |
|-------------------------------|--------------------------------|--------------------------------|-------------------|-------------------------------|
| | Nominal voltage U _N | Nominal current I _N | Cross section AWG | Cross section mm ² |
| | 60 V | 4 A | 22 - 22 | - |



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Classifications

ECLASS

| | ECLASS-11.0 | 27440102 |
|----|-------------|----------|
| | ECLASS-12.0 | 27440116 |
| | ECLASS-13.0 | 27440116 |
| ET | IM | |
| | ETIM 9.0 | EC002635 |
| UN | SPSC | |
| | UNSPSC 21.0 | 39121400 |



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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 | 9bcc6dc6-0f08-4427-ae50-5159753fbe46 |
| | |



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Accessories

SACC-M16-KD-NUT-SH - EMC nut

1440164 https://www.phoenixcontact.com/us/products/1440164

EMC nut, Threads, M16 x 1.5, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239703



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