

SACC-DSIP-M12MS-5CON-L180-SI - Device connector rear mounting



1528248
<https://www.phoenixcontact.com/us/products/1528248>

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Device connector rear mounting, Universal, 5-position, Pin, straight, M12, coding: A, Rear mounting, Solder pins

Commercial data

| | |
|--------------------------------------|-------------------|
| Item number | 1528248 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | AB26 |
| Product key | ABQEQA |
| Catalog page | Page 75 (PC-2005) |
| GTIN | 4046356023221 |
| Weight per piece (including packing) | 22.7 g |
| Weight per piece (excluding packing) | 22.7 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

Mounting

| | |
|---------------|---------------|
| Mounting type | Rear mounting |
|---------------|---------------|

Product properties

| | |
|---------------------|-----------------------------------|
| Product type | Circular connectors (device side) |
| Sensor type | Universal |
| Number of positions | 5 |
| Shielded | no |
| Coding | A |
| Thread type | M12 |

Insulation characteristics

| | |
|----------------------|----|
| Overvoltage category | II |
| Degree of pollution | 3 |

Material specifications

| | |
|--|----------------------|
| Flammability rating according to UL 94 | V0 |
| Seal material | NBR |
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PBT |
| Material for screw connection | Brass, nickel-plated |

Electrical properties

| | |
|-----------------------|---------------------|
| Contact resistance | $\leq 0.003 \Omega$ |
| Insulation resistance | $\geq 1 T\Omega$ |
| Nominal voltage U_N | 60 V |
| Nominal current I_N | 4 A |

Connection data

Conductor connection

| | |
|-------------------------|-------------|
| Connection method | Solder pins |
| Contact connection type | Pin |

Connector

Connection 1

| | |
|-------------------|----------|
| Head design | Pin |
| Head cable outlet | straight |
| Head thread type | M12 |
| Coding | A |

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Cable/line

| | |
|----------------------|-----------|
| Signal type/category | Universal |
|----------------------|-----------|

Environmental and real-life conditions

| | |
|---------------------------------|----------------------------------|
| Ambient conditions | |
| Degree of protection | IP67 |
| | IP67 |
| Ambient temperature (operation) | -25 °C ... 90 °C (Plug / socket) |

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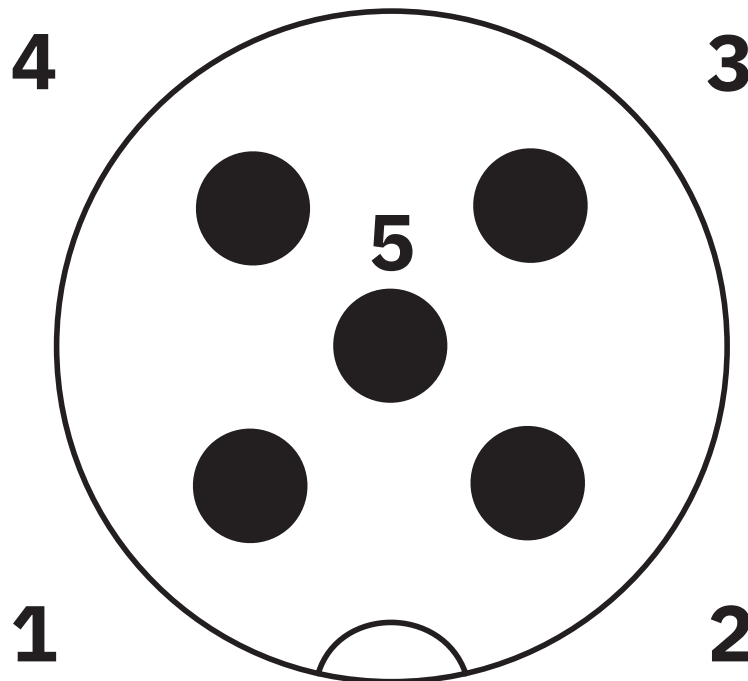


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Drawings

Schematic diagram



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

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27440102 |
| ECLASS-12.0 | 27440116 |
| ECLASS-13.0 | 27440116 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002635 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| 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 | 781291a5-afc8-431b-a1e5-b9030955d45d |

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