

# SACC-DSI-M12MSB-5CON-L180 VA - Device connector rear mounting



1421741

<https://www.phoenixcontact.com/us/products/1421741>

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Device connector rear mounting, 5-position, Pin, straight, M12-Standard, B-coding, Wave soldering, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1421741                        |
| Packing unit                         | 20 pc                          |
| Minimum order quantity               | 20 pc                          |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | AB26                           |
| Product key                          | ABQEOL                         |
| GTIN                                 | 4055626282572                  |
| Weight per piece (including packing) | 16.12 g                        |
| Weight per piece (excluding packing) | 14.3 g                         |
| Customs tariff number                | 85366990                       |
| Country of origin                    | DE                             |

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## Technical data

### Notes

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

### Mounting

|               |                     |
|---------------|---------------------|
| Mounting type | Rear mounting (Pg9) |
|---------------|---------------------|

### Product properties

|                     |                                   |
|---------------------|-----------------------------------|
| Product type        | Circular connectors (device side) |
| Number of positions | 5                                 |
| Coding              | B                                 |
| Thread type         | M12                               |

### Material specifications

|  |        |
|--|--------|
| Material Housing                       | V4A    |
| Material Contact carrier               | PA 6.6 |
| Material Contact                       | CuZn   |
| Material Contact surface               | Au     |
| Material Seal                          | FKM    |
| Flammability rating according to UL 94 | V0     |

### Connection data

#### Conductor connection

|                         |                |
|-------------------------|----------------|
| Connection method       | Wave soldering |
| Contact connection type | Pin            |

### Connector

#### Connection 1

|                   |          |
|-------------------|----------|
| Head design       | Pin      |
| Head cable outlet | straight |
| Head thread type  | M12      |
| Head locking type | Standard |
| Coding            | B        |

### Environmental and real-life conditions

#### Ambient conditions

|                |                          |
|----------------|--------------------------|
| UL Type Rating | Type 4 (indoor use only) |
|----------------|--------------------------|

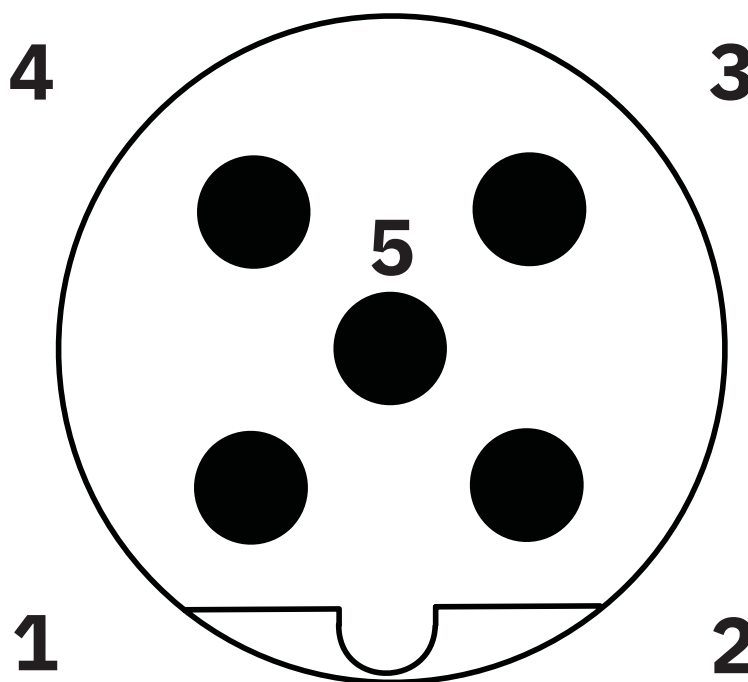
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## Drawings

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/1421741>

|  <b>cUL Recognized</b><br>Approval ID: E118976-20100522 |                       |                       |                   |                      |
|--|-----------------------|-----------------------|-------------------|----------------------|
|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
| keine  |                       |                       |                   |                      |
|  | 60 V                  | 4 A                   | 22                | -                    |

|  <b>UL Recognized</b><br>Approval ID: E118976-20100522 |                       |                       |                   |                      |
|---|-----------------------|-----------------------|-------------------|----------------------|
|   | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
| keine   |                       |                       |                   |                      |
|   | 60 V                  | 4 A                   | 22                | -                    |

|  <b>cULus Recognized</b><br>Approval ID: E221474-20140616 |                       |                       |                   |                      |
|--|-----------------------|-----------------------|-------------------|----------------------|
|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
| keine  |                       |                       |                   |                      |
|  | 60 V                  | 4 A                   | -                 | -                    |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440110 |
| ECLASS-15.0 | 27440110 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC003568 |
|-----------|----------|

### 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)