

# SACC-DSIV-FS-5CON-L180SCOTHRSHX - Device connector rear mounting



1239614

<https://www.phoenixcontact.com/pc/products/1239614>

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Device connector rear mounting, 5-position, Socket, straight, M12-SPEEDCON, A-coding, THR solder connection, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1239614       |
| Packing unit                         | 60 pc         |
| Minimum order quantity               | 60 pc         |
| Product key                          | ABQAIA        |
| GTIN                                 | 4063151458225 |
| Weight per piece (including packing) | 11.586 g      |
| Weight per piece (excluding packing) | 9.167 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 |
|--------------------|---|

### Product properties

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

### Insulation characteristics

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

### Material specifications

|  |          |
|--|----------|
| Material Housing                       | GD-Zn    |
| Material Housing surface               | Ni       |
| Material Insulating body               | PA 6.6   |
| Material Contact                       | Cu alloy |
| Material Contact surface               | Au       |
| Material Seal                          | NBR      |
| Flammability rating according to UL 94 | HB       |

### Electrical properties

|                       |                            |
|-----------------------|----------------------------|
| Contact resistance    | $\leq 3 \text{ m}\Omega$   |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Nominal voltage $U_N$ | 60 V                       |
| Nominal current $I_N$ | 4 A                        |

### Connection data

#### Conductor connection

|                         |                       |
|-------------------------|-----------------------|
| Connection method       | THR solder connection |
| Contact connection type | Socket                |

### Connector

#### Connection 1

|                   |          |
|-------------------|----------|
| Head design       | Socket   |
| Head cable outlet | straight |
| Head thread type  | M12      |
| Head locking type | SPEEDCON |

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|        |   |
|--------|---|
| Coding | A |
|--------|---|

## Environmental and real-life conditions

### Ambient conditions

|   |                                  |
|---|----------------------------------|
| Degree of protection  | IP67                             |
| Ambient temperature (operation) (male connector/female connector) | -25 °C ... 85 °C (Plug / socket) |

## Standards and regulations

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

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## Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC003569 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

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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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