

# SACC-M12-SCO NUT L 90 - Housing screw connection

1432460

<https://www.phoenixcontact.com/us/products/1432460>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Housing screw connection, Socket, M12-SPEEDCON, 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

- Easy device integration, thanks to mechanical port screw connections with threaded fastening
- Flexible PCB assembly: two-piece connectors for wave and THR soldering
- SPEEDCON fast locking system reduces cabling times

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1432460       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | AB23          |
| Product key                          | ABQAED        |
| GTIN                                 | 4046356410731 |
| Weight per piece (including packing) | 7.07 g        |
| Weight per piece (excluding packing) | 6.843 g       |
| Customs tariff number                | 79070000      |
| Country of origin                    | DE            |

# SACC-M12-SCO NUT L 90 - Housing screw connection



1432460

<https://www.phoenixcontact.com/us/products/1432460>

## Technical data

### Notes

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

### Product properties

|              |                            |
|--------------|----------------------------|
| Product type | Circular connector housing |
| Thread type  | M12                        |

### Connection data

|                   |              |
|-------------------|--------------|
| Tightening torque | 1.5 ... 2 Nm |
|-------------------|--------------|

### Material specifications

|                           |                        |
|---------------------------|------------------------|
| Material Housing          | GD-Zn                  |
| Material Housing surface  | nickel-plated          |
| Material Screw connection | Brass, nickel-plated   |
| Material Seal             | EPDM (Internal O-ring) |
|                           | HNBR (Flat gasket)     |

### Connector

#### Connection 1

|                   |          |
|-------------------|----------|
| Head design       | Socket   |
| Head thread type  | M12      |
| Head locking type | SPEEDCON |

### 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)          |
| Ambient temperature (operation) (male connector/female connector) | -25 °C ... 85 °C                                |
|   | -40 °C ... 85 °C (without mechanical actuation) |
| UL Type Rating  | Type 4 (indoor use only)                        |

### Standards and regulations

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

### Mounting

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

# SACC-M12-SCO NUT L 90 - Housing screw connection



1432460

<https://www.phoenixcontact.com/us/products/1432460>

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

# SACC-M12-SCO NUT L 90 - Housing screw connection



1432460

<https://www.phoenixcontact.com/us/products/1432460>

## 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                                | a6817d08-c9f0-45d4-a46c-7e3597847b2c |

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

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