

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

1432460

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

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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

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## Technical data

### Notes

Order information:	Lock nut is included in the scope of delivery
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### Product properties

Product type	Circular connector housing
Thread type	M12

### Connection data

Tightening torque	1.5 ... 2 Nm
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### 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)
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## Classifications

### ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

### ETIM

ETIM 10.0	EC003556
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### 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	a6817d08-c9f0-45d4-a46c-7e3597847b2c

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