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

1432460

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Housing screw connection, Socket, M12-SPEEDCON, this item is expected to be lead-free from Q3 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

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)

Classifications

ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

ETIM

ETIM 10.0	EC003556

UNSPSC

UNSPSC 21.0	39121400

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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