RC-12S2N12YR00 - Device connector front mounting with knurled nut

1599995

https://www.phoenixcontact.com/us/products/1599995

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M23, Device connector front mounting with knurled nut, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Socket, Solder cup, Radial O-ring, 4x Ø 3.2, coding: N

Commercial data

Item number	1599995
Packing unit	1 pc
Minimum order quantity	20 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFO
GTIN	4046356228114
Weight per piece (including packing)	55.99 g
Weight per piece (excluding packing)	49.28 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

Thread type	()

Product properties

Product type	Circular connectors (device side)

Connector

Insulating body

Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	12
Direction of rotation	Counter direction
Connection profile	12
Contact diameter Power contacts	1 mm
Litz wire cross-section Power contacts min.	0.08 mm²
Litz wire cross-section Power contacts max.	1 mm²
Rated current Power contacts	8 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

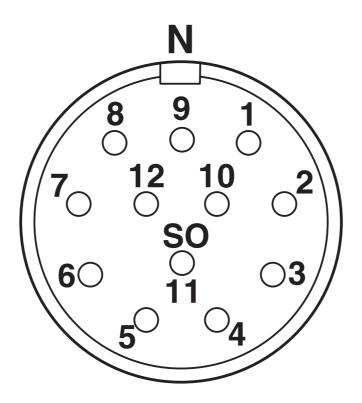|	
Order information:	Order contact inserts separately
Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

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Drawings

Schematic diagram

Connector pin assignment

Classifications

ECLASS

ECLASS-11.0	27440102

UNSPSC

UNSPSC 21.0	39121413

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)

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Accessories

RC-Z2062 - Metal protective cap

1604228

https://www.phoenixcontact.com/us/products/1604228

Metal protective cap, M23, degree of protection: IP67, series: RC, UC, RF, SF, NC, RM, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241732

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