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

1599995

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

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.

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

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

1599995

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

Technical data

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

RC-12S2N12YR00 - Device connector front mounting with knurled nut
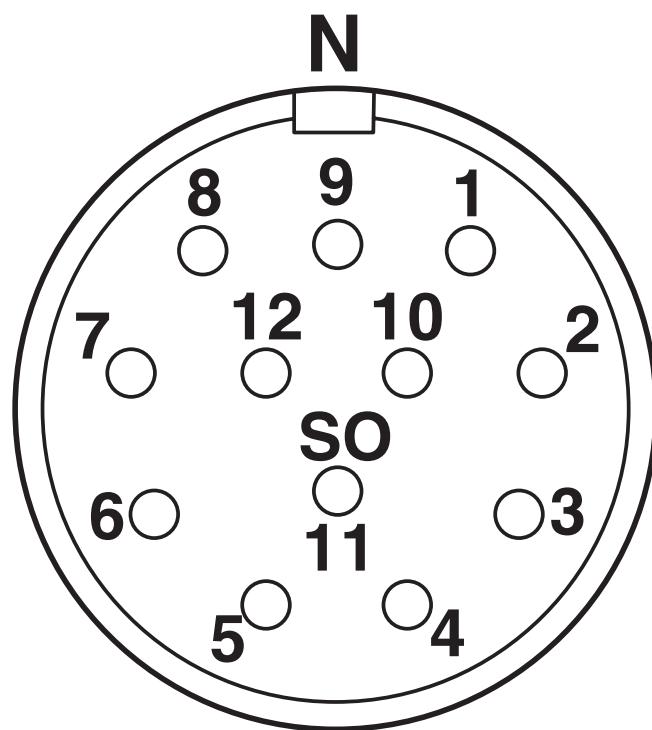
1599995

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

Drawings

Schematic diagram

Connector pin assignment

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

Classifications

ECLASS

ECLASS-11.0	27440102

UNSPSC

UNSPSC 21.0	39121413

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

1599995

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

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)

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

1599995

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

Accessories

RC-Z2062 - Metal protective cap

1604228

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

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

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