

RC-12S2N121K00 - Cable connector



1599654

<https://www.phoenixcontact.com/pc/products/1599654>

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, Cable connector, series: RC, straight, shielded: no, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Socket, Solder cup, cable diameter range: 7 mm ... 10.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241106

Commercial data

Item number	1599654
Packing unit	20 pc
Minimum order quantity	20 pc
Product key	ABRAFA
GTIN	4046356226646
Weight per piece (including packing)	102.76 g
Weight per piece (excluding packing)	102.76 g
Customs tariff number	85366990
Country of origin	DE

RC-12S2N121K00 - Cable connector



1599654

<https://www.phoenixcontact.com/pc/products/1599654>

Technical data

Product properties

Product type	Circular connector (cable-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	1 mm
Litz wire cross-section	0.08 mm²
Litz wire cross-section	1 mm²
Rated current	8 A
Rated voltage	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing	
Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	Pg11
Degree of protection (plugged in)	IP65 IP67 IP68
Thread type	M23

Seal	
External cable diameter	7 mm ... 10.5 mm

RC-12S2N121K00 - Cable connector

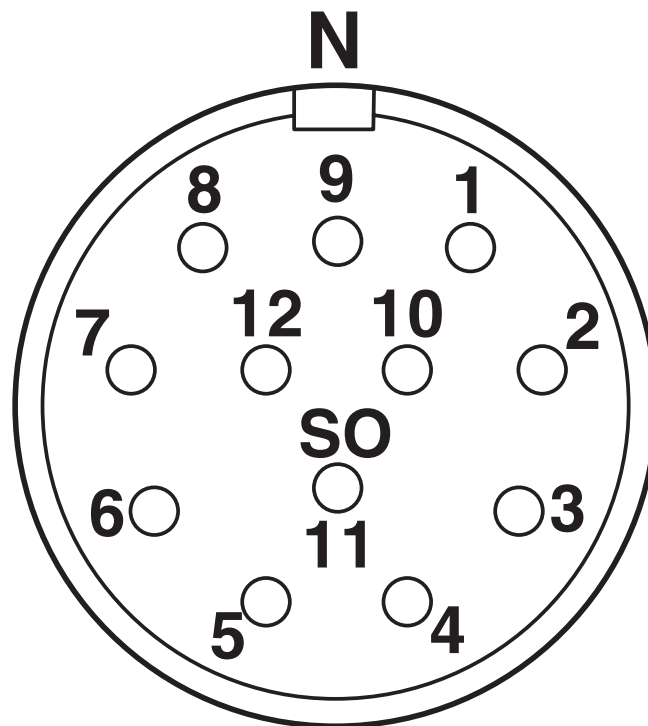
1599654

<https://www.phoenixcontact.com/pc/products/1599654>



Drawings

Schematic diagram



Connector pin assignment

RC-12S2N121K00 - Cable connector



1599654

<https://www.phoenixcontact.com/pc/products/1599654>

Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 8.0	EC002635
----------	----------

UNSPSC

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

RC-12S2N121K00 - Cable connector



1599654

<https://www.phoenixcontact.com/pc/products/1599654>

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	11e696eb-1f05-4f22-a9f1-e04b900ea51d

RC-12S2N121K00 - Cable connector



1599654

<https://www.phoenixcontact.com/pc/products/1599654>

Accessories

PROT-M23-SG-IT-IP20 - Plastic protective cap

1577206

<https://www.phoenixcontact.com/pc/products/1577206>



Plastic protective cap, M23, degree of protection: IP20, series: CA, RC, RF, UC, RM

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com