

RC-12S1N121600 - Cable connector



1598494

<https://www.phoenixcontact.com/pc/products/1598494>

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: Standard, contact connection type: Socket, Solder cup, cable diameter range: 8 mm ... 12 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240958

Commercial data

Item number	1598494
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFA
GTIN	4046356220873
Weight per piece (including packing)	82.882 g
Weight per piece (excluding packing)	82.882 g
Customs tariff number	85366990
Country of origin	DE

RC-12S1N121600 - Cable connector



1598494

<https://www.phoenixcontact.com/pc/products/1598494>

Technical data

Notes

General	Order cable glands separately
---------	-------------------------------

Product properties

Product type	Circular connector (cable-side)
Thread type	M23

Material specifications

Flammability rating according to UL 94	V0
--	----

Connection data

Conductor connection

Connection method	Solder connection
-------------------	-------------------

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	Standard
Connection profile	12
Contact diameter	1 mm
Litz wire cross-section	0.08 mm ²
Litz wire cross-section	1 mm ²
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

RC-12S1N121600 - Cable connector



1598494

<https://www.phoenixcontact.com/pc/products/1598494>

Thread type	M23
Seal	
External cable diameter	8 mm ... 12 mm

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP67

RC-12S1N121600 - Cable connector

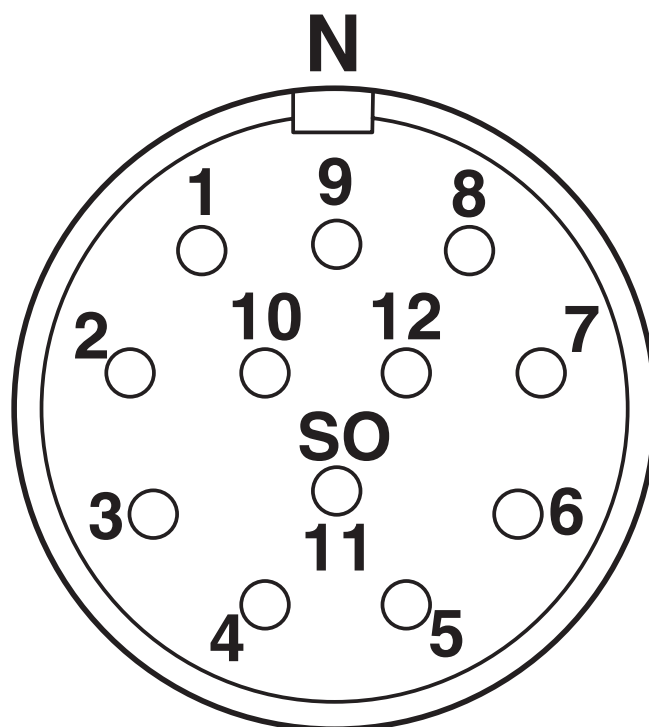
1598494

<https://www.phoenixcontact.com/pc/products/1598494>



Drawings

Schematic diagram



Connector pin assignment

RC-12S1N121600 - Cable connector



1598494

<https://www.phoenixcontact.com/pc/products/1598494>

Classifications

ECLASS

ECLASS-11.0	27440109
ECLASS-12.0	27440109
ECLASS-13.0	27440109

ETIM

ETIM 8.0	EC003569
----------	----------

UNSPSC

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

RC-12S1N121600 - Cable connector



1598494

<https://www.phoenixcontact.com/pc/products/1598494>

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	7400dfb5-a691-4e77-b1da-3f4d1de747c4

RC-12S1N121600 - Cable connector

1598494

<https://www.phoenixcontact.com/pc/products/1598494>



Accessories

RC-Z2099 - Pipe spanner

1604255

<https://www.phoenixcontact.com/pc/products/1604255>

Pipe spanner, series: RC, NC, RM



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