

RC-12S1N8A1L00 - Cable connector



1599155

<https://www.phoenixcontact.com/us/products/1599155>

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, Crimp connection, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241045

Commercial data

Item number	1599155
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAFA
GTIN	4046356224307
Weight per piece (including packing)	98.88 g
Weight per piece (excluding packing)	98.88 g
Customs tariff number	85366990
Country of origin	DE

RC-12S1N8A1L00 - Cable connector



1599155

<https://www.phoenixcontact.com/us/products/1599155>

Technical data

Notes

Order information:	Order crimp contacts Ø 1 mm separately
--------------------	--

Product properties

Product type	Circular connector (cable-side)
Type of the screw connection	IP68 screw
Thread type	M23

Data management status

Article revision	04
------------------	----

Material specifications

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

Connection data

Conductor connection

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

Mechanical properties

Mechanical data

Type of the screw connection	IP68 screw
------------------------------	------------

Connector

Insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12
Contact diameter	1 mm
Power contacts	
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

RC-12S1N8A1L00 - Cable connector



1599155

<https://www.phoenixcontact.com/us/products/1599155>

Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP65
	IP67
Thread type	M23

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (storage/transport)	15 °C ... 25 °C
Permissible humidity (storage/transport)	50 % ... 65 %

RC-12S1N8A1L00 - Cable connector

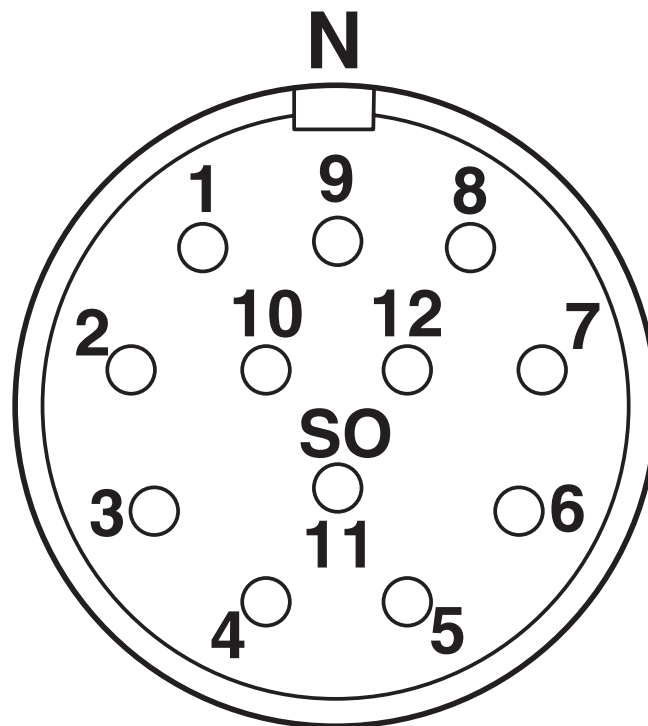
1599155

<https://www.phoenixcontact.com/us/products/1599155>



Drawings

Schematic diagram



Connector pin assignment

RC-12S1N8A1L00 - Cable connector



1599155

<https://www.phoenixcontact.com/us/products/1599155>

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC003569
----------	----------

UNSPSC

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

RC-12S1N8A1L00 - Cable connector



1599155

<https://www.phoenixcontact.com/us/products/1599155>

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	d3a7aec8-6280-4147-892e-54e8c78021f9

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

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