

RC-12S2N1280P8 - Cable connector



1599770

<https://www.phoenixcontact.com/pc/products/1599770>

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, straight, shielded: no, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Socket, Solder cup, cable diameter range: 7.5 mm ... 9.5 mm, coding: N

Commercial data

Item number	1599770
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFA
GTIN	4046356227353
Weight per piece (including packing)	74.57 g
Weight per piece (excluding packing)	71.24 g
Customs tariff number	85366990
Country of origin	DE

RC-12S2N1280P8 - Cable connector



1599770

<https://www.phoenixcontact.com/pc/products/1599770>

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 Power contacts	1 mm
Litz wire cross-section Power contacts min.	0.08 mm ²
Litz wire cross-section Power contacts max.	1 mm ²
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)	IP65 IP67 IP68
Thread type	M23

Seal

External cable diameter	7.5 mm ... 9.5 mm
-------------------------	-------------------

RC-12S2N1280P8 - Cable connector

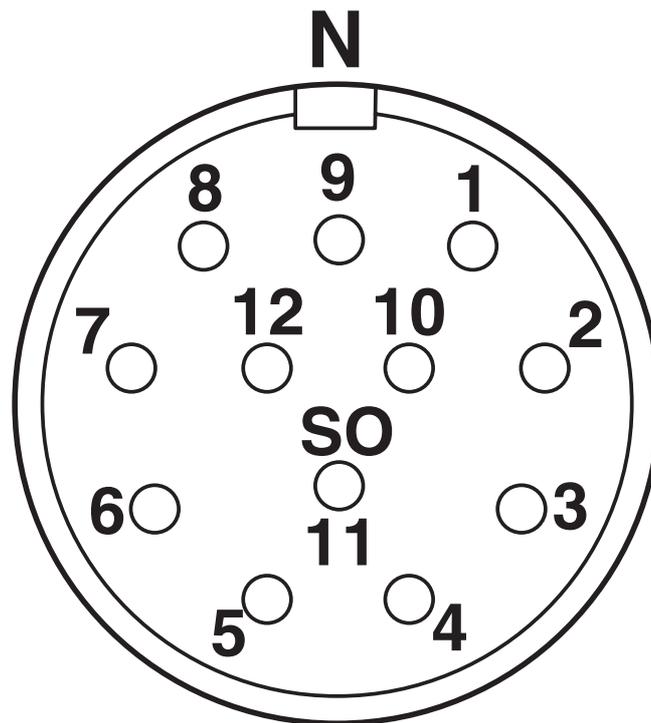


1599770

<https://www.phoenixcontact.com/pc/products/1599770>

Drawings

Schematic diagram



Connector pin assignment

RC-12S2N1280P8 - Cable connector



1599770

<https://www.phoenixcontact.com/pc/products/1599770>

Classifications

ECLASS

ECLASS-11.0

27440102

ETIM

ETIM 8.0

EC002635

UNSPSC

UNSPSC 21.0

39121400

RC-12S2N1280P8 - Cable connector



1599770

<https://www.phoenixcontact.com/pc/products/1599770>

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)
-------------------------------------	----------------------

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

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