

# RC-12S2N12R300 - Crimp contact



1599919

<https://www.phoenixcontact.com/be/products/1599919>

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M23, Crimp contact, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Socket, Solder cup, coding: N

## Commercial data

Item number	1599919
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFA
GTIN	4046356310109
Weight per piece (including packing)	86,17 g
Weight per piece (excluding packing)	86,17 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connector (cable-side)
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### 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 mm <sup>2</sup>
Litz wire cross-section	1 mm <sup>2</sup>
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

Order information:	Order contact inserts and cable clamping/shield accessories separately
Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

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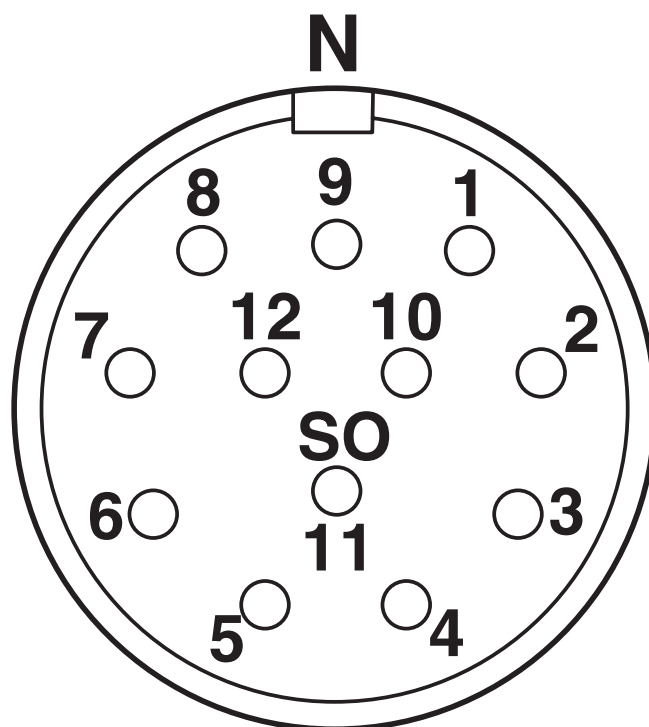
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## Drawings

Schematic diagram



Connector pin assignment

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## Environmental product compliance

### 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.)	No substance above 0.1 wt%
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