

# RC-16P1N12WQ00 - Device connector front mounting



1611112

<https://www.phoenixcontact.com/us/products/1611112>

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M23, Device connector front mounting, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Pin, Solder cup, Radial O-ring, 4x Ø 2.7 mm, Panel thickness min.: 3 mm, coding: N

## Commercial data

Item number	1611112
Packing unit	40 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFL
GTIN	4046356265508
Weight per piece (including packing)	29.1 g
Weight per piece (excluding packing)	29.1 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connectors (device side)
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### Connector

#### Insulating body

Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Pin
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
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

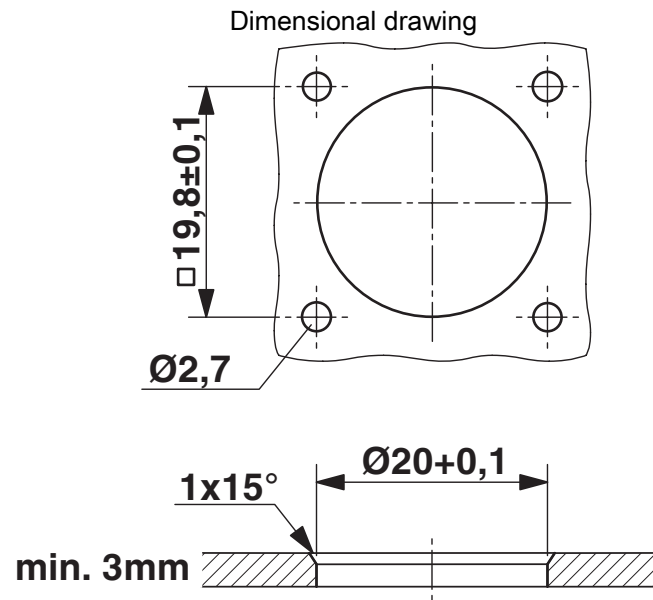
#### Housing

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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## Drawings

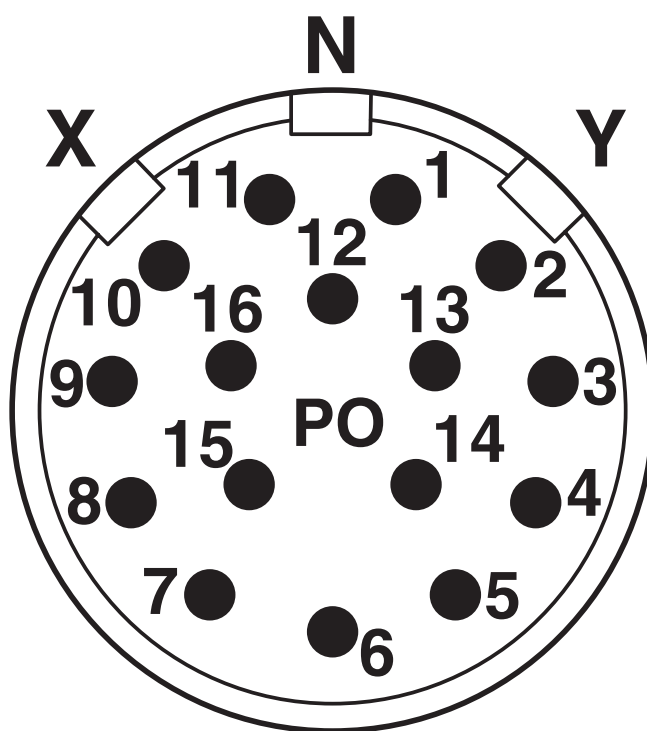


Installation dimensions

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Schematic diagram



Connector pin assignment

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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