

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, Device connector front mounting, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Pin, Solder cup, Flat gasket, coding: X

Commercial data

Item number	1621298
Packing unit	40 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFL
GTIN	4046356909143
Weight per piece (including packing)	35.15 g
Weight per piece (excluding packing)	35.15 g
Country of origin	DE

# RC-12P2X122000 - Device connector front mounting



1621298

<https://www.phoenixcontact.com/us/products/1621298>

## Technical data

### Product properties

Product type	Circular connectors (device side)
--------------	-----------------------------------

### Connector

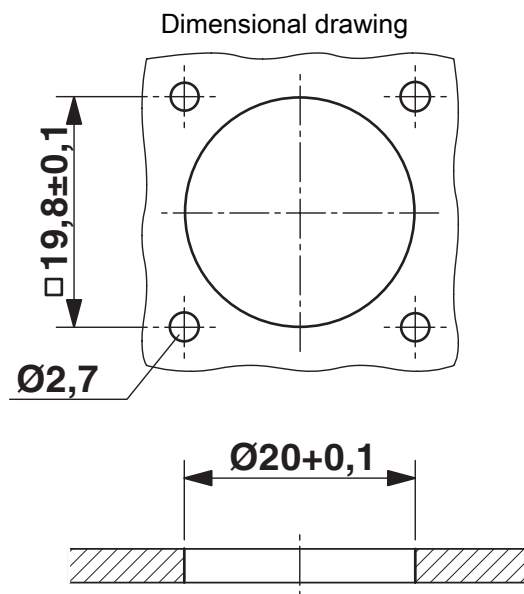
#### Insulating body

Coding	X
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Pin
Application	Signal
Number of positions	12
Direction of rotation	Counter direction
Connection profile	12
Number Contact (Contact group 1)	12
Diameter Contact (Contact group 1)	1 mm
Litz wire cross-section min. Contact (Contact group 1)	0.08 mm <sup>2</sup>
Litz wire cross-section max. Contact (Contact group 1)	1 mm <sup>2</sup>
Rated current Contact (Contact group 1)	8 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3

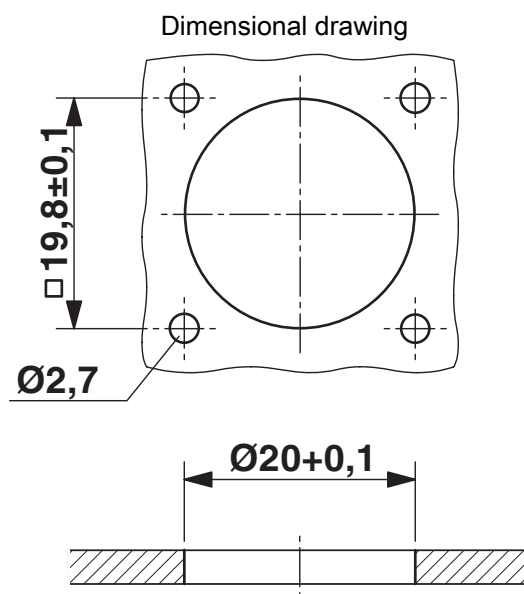
#### Housing

Type	Flange housing
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	none
Mounting type	Front mounting/square flange (4x Ø 2.7 mm)
Material (Housing)	Metal
Degree of protection (plugged in)	IP67
Seal for the device	Flat gasket

## Drawings



## Installation dimensions



## Installation dimensions

# RC-12P2X122000 - Device connector front mounting



1621298

<https://www.phoenixcontact.com/us/products/1621298>

Phoenix Contact 2025 © - 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](mailto:info@phoenixcon.com)