

RC-12P2N8AWTYQ - Device connector front mounting



1621649

<https://www.phoenixcontact.com/us/products/1621649>

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, Crimp connection, Axial O-ring, coding: N

Commercial data

Item number	1621649
Packing unit	40 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFL
GTIN	4046356951661
Weight per piece (including packing)	23.04 g
Weight per piece (excluding packing)	23.04 g
Country of origin	DE

1621649

<https://www.phoenixcontact.com/us/products/1621649>

Technical data

Notes

Order information:

Order crimp contacts Ø 1 mm separately

Product properties

Product type

Circular connectors (device side)

Connector

Insulating body

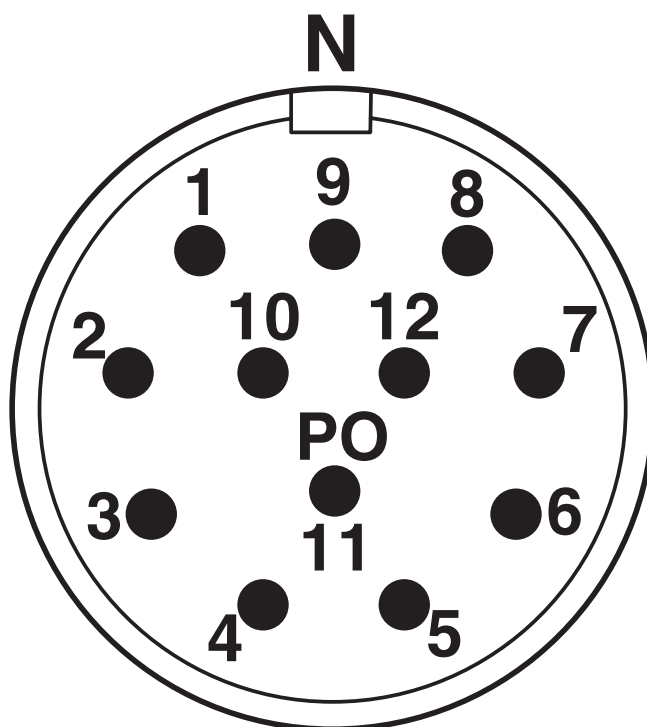
Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	12
Direction of rotation	Counter direction
Connection profile	12
Number Contact (Contact group 1)	12
Diameter Contact (Contact group 1)	1 mm
Rated current Contact (Contact group 1)	8 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

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

Drawings

Schematic diagram



Connector pin assignment

RC-12P2N8AWTYQ - Device connector front mounting



1621649

<https://www.phoenixcontact.com/us/products/1621649>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

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