

RC-17P1N8A6100 - Device connector front mounting



1601483

<https://www.phoenixcontact.com/us/products/1601483>

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.: 17, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, Axial O-ring, Central fixing, Panel thickness min.: 0.8 mm, Panel thickness max.: 6.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241350

Commercial data

Item number	1601483
Packing unit	40 pc
Minimum order quantity	40 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFL
GTIN	4046356234962
Weight per piece (including packing)	33.15 g
Weight per piece (excluding packing)	30.13 g
Customs tariff number	85366990
Country of origin	DE

RC-17P1N8A6100 - Device connector front mounting

1601483

<https://www.phoenixcontact.com/us/products/1601483>



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	17
Direction of rotation	Standard
Connection profile	17
Contact diameter Power contacts	1 mm
Rated current Power contacts	8 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overtoltage category	III
Degree of pollution	3

Housing

Order information:	Order contact inserts separately
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Environmental and real-life conditions

Ambient conditions

Ambient temperature (storage/transport)	15 °C ... 25 °C
Permissible humidity (storage/transport)	50 % ... 65 %

RC-17P1N8A6100 - Device connector front mounting

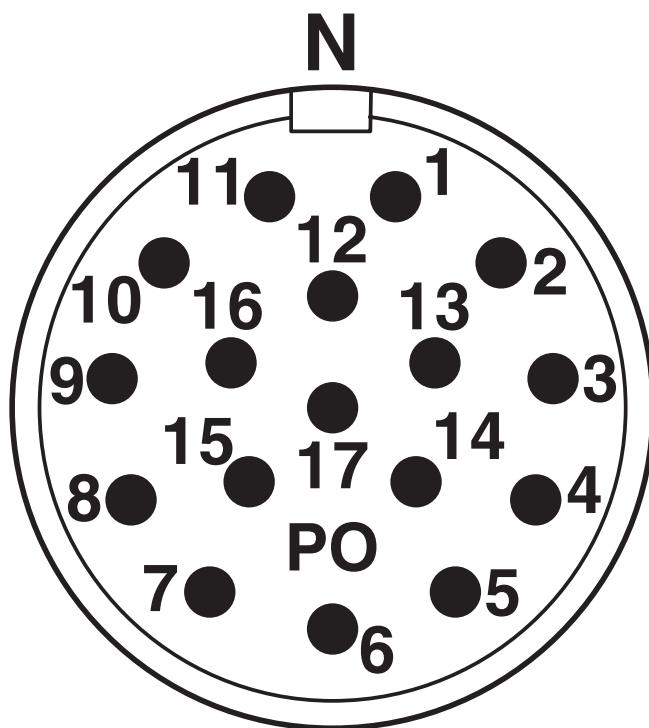
1601483

<https://www.phoenixcontact.com/us/products/1601483>



Drawings

Schematic diagram



Connector pin assignment

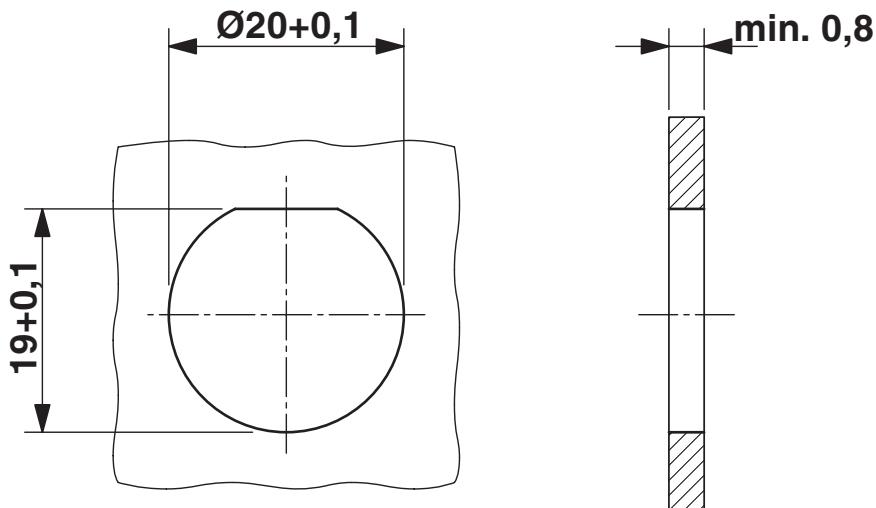
RC-17P1N8A6100 - Device connector front mounting

1601483

<https://www.phoenixcontact.com/us/products/1601483>



Dimensional drawing



Installation dimensions

Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

RC-17P1N8A6100 - Device connector front mounting

1601483

<https://www.phoenixcontact.com/us/products/1601483>



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)
SCIP	14e4e373-53d6-47a9-8e19-6bf28e7b3981

Phoenix Contact 2024 © - 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