

RC-1RP1NRA80EP - Cable connector



1603101

<https://www.phoenixcontact.com/pc/products/1603101>

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, Cable connector, straight, shielded: no, Screw locking mechanism, No. of pos.: 16+2+FE, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 3 mm ... 10.5 mm, coding: N

Commercial data

Item number	1603101
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFA
GTIN	4046356243469
Weight per piece (including packing)	70.96 g
Weight per piece (excluding packing)	70.96 g
Customs tariff number	85366990
Country of origin	DE

RC-1RP1NRA80EP - Cable connector



1603101

<https://www.phoenixcontact.com/pc/products/1603101>

Technical data

Notes

General	Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately
---------	---

Product properties

Product type	Circular connector (cable-side)
--------------	---------------------------------

Connector

Insulating body

Note	Order information: Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately
Coding	N
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+2+FE
Contact diameter Power contacts	1.5 mm
Rated current Power contacts	10 A
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter Signal contacts	1 mm
Nominal current per signal contact	8 A
Rated voltage Signal contact	150 V

Housing

Order information:	Order contact inserts separately
Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP65
	IP67
	IP68
Thread type	M23

Seal

External cable diameter	3 mm ... 10.5 mm
Seal material	NBR

RC-1RP1NRA80EP - Cable connector

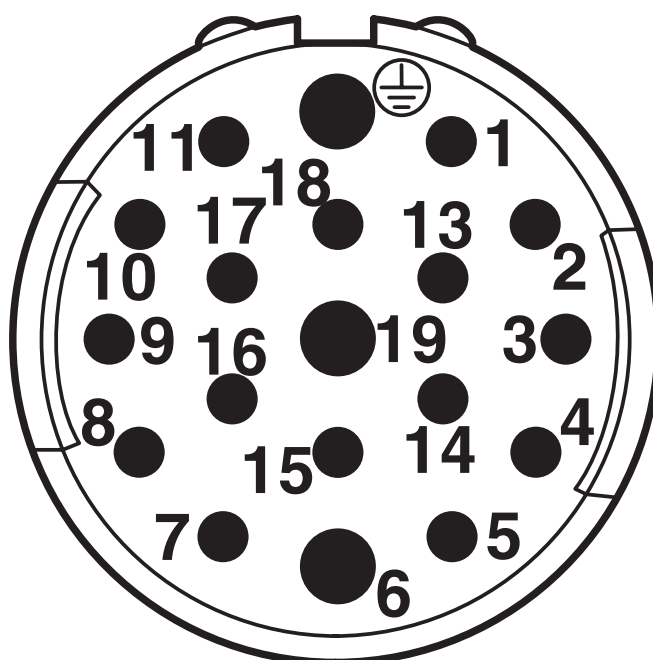


1603101

<https://www.phoenixcontact.com/pc/products/1603101>

Drawings

Schematic diagram



RC-1RP1NRA80EP - Cable connector



1603101

<https://www.phoenixcontact.com/pc/products/1603101>

Accessories

RC-6LP2000 - Crimp contact

1603819

<https://www.phoenixcontact.com/pc/products/1603819>



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.25 mm² ... 0.5 mm²

RC-6EP2000 - Crimp contact

1603802

<https://www.phoenixcontact.com/pc/products/1603802>



Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.75 mm² ... 1 mm²

RC-1RP1NRA80EP - Cable connector

1603101

<https://www.phoenixcontact.com/pc/products/1603101>



RC-6FP2000 - Crimp contact

1603808

<https://www.phoenixcontact.com/pc/products/1603808>

Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.75 mm² ... 1 mm²



Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG

Flachsmarktstraße 8

D-32825 Blomberg

+49 (0) 5235-3 00

info@phoenixcontact.com