INDUSTRIAL COMPONENT DATA

RC-1RP1NRA80EN 1603100 PHOENIX CONTACT Cable connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-1RP1NRA80EN



Manufacturer	PHOENIX CONTACT
MPN / Reference	RC-1RP1NRA80EN
Catalog number	1603100
Category	Sensor-actuator connector chassis
Minimum order	1 Pcs
Document ID	EO-6DC9083C08
Generated	2026-11-19

Product Overview

Cable connector
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

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Field Device Connectors (FDC)

Additional Product Information

Technical dataNotesOrder information: Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately
ConnectorInsulating 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 diameterPower contacts 1.5 mm
Rated currentPower contacts 10 A
Rated surge voltage 1.5 kV

Overvoltage category III
Degree of pollution 3
Contact diameterSignal 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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-1RP1NRA80EN with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.