INDUSTRIAL COMPONENT DATA

# RC-16P1N8A80HM 1614296 PHOENIX CONTACT Cable connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-16P1N8A80HM**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | RC-16P1N8A80HM |
| Catalog number | 1614296 |
| Category | Sensor-actuator connector chassis |
| Minimum order | 20 Pcs |
| Document ID | EO-37C109DC50 |
| Generated | 2026-11-19 |

## Product Overview

Cable connector
M23, Cable connector, straight, shielded: no, Screw lock, No. of poles: 16, Direction of rotation: Standard, contact type: Male, Crimped connection, cable diameter range: 3 mm ... 10.5 mm, coding:N, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1242869
M23, Cable connector, straight, shielded: no, Screw locking mechanism, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 3 mm ... 10.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb

STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Technical dataNotesOrder information: Order crimp contacts Ø 1 mm separately
Product propertiesProduct type Circular connector (cable-side)
ConnectorInsulating 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 16

Direction of rotation Standard
Connection profile 16
Contact diameterPower contacts 1 mm
Rated currentPower contacts 8 A
Rated voltage 48 V AC
74 V DC
Rated surge voltage 1.5 kV
Overvoltage category III
Degree of pollution 3
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
Environmental and real-life conditionsAmbient conditions
Ambient temperature (storage/transport) 15 °C ... 25 °C
Permissible humidity (storage/transport) 50 % ... 65 %

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-16P1N8A80HM 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

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