

## INDUSTRIAL COMPONENT DATA

# RC-16S1N12T0EM 1601016 PHOENIX CONTACT Cable connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-16S1N12T0EM



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | RC-16S1N12T0EM                    |
| Catalog number  | 1601016                           |
| Category        | Sensor-actuator connector chassis |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-DF4830F318                     |
| Generated       | 2026-08-06                        |

## Product Overview

Cable connector

Plug-in connector for cables, RC, angled, shielded: yes, Screw lock, M23, No. of poles: 16, contact type: Female, Soldered connection, cable diameter range: 3 mm ... 10.5 mm

M23, Cable connector, series: RC, angled, shielded: yes, Screw locking mechanism, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Socket, Solder cup, 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 dataProduct propertiesProduct type Circular connector (cable-side)

ConnectorInsulating body

Coding N

Insertion/withdrawal cycles 50

Connection method Solder cup

Contact switching type Socket

Application Signal

Number of positions 16

Direction of rotation Standard

Connection profile 16

Contact diameterPower contacts 1 mm

Litz wire cross-sectionPower contactsmin. 0.08 mm<sup>2</sup>

Litz wire cross-sectionPower contactsmax. 1 mm<sup>2</sup>

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

Housing material Metal

Type of locking Screw locking mechanism

Pg screw connection none

Degree of protection (plugged in) IP67

Thread type M23

Seal

External cable diameter 3 mm ... 10.5 mm

Seal material NBR

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-16S1N12T0EM with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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