INDUSTRIAL COMPONENT DATA

# RC-12S1N121720 1598500 PHOENIX CONTACT Cable connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-12S1N121720**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | RC-12S1N121720 |
| Catalog number | 1598500 |
| Category | Sensor-actuator connector chassis |
| Minimum order | 1 Pcs |
| Document ID | EO-33B9E1066A |
| Generated | 2026-11-19 |

## Product Overview

Cable connector
M23, Crimp contact, series: RC, straight, shielded: no, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Socket, Solder cup, coding: N

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 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 12
Direction of rotation Standard
Connection profile 12
Contact diameterPower contacts 1 mm
Litz wire cross-sectionPower contactsmin. 0.08 mm²
Litz wire cross-sectionPower contactsmax. 1 mm²

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) IP65
IP67
Thread type M23

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-12S1N121720 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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