INDUSTRIAL COMPONENT DATA

RC-12P2N129084 1597966 PHOENIX CONTACT Coupler connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-12P2N129084

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	RC-12P2N129084
Catalog number	1597966
Category	Sensor-actuator connector chassis
Minimum order	1 Pcs
Document ID	EO-8492BD703D
Generated	2026-11-18

Product Overview

Coupler connector
Plug-in coupling connector, RC, straight, shielded: yes, Screw lock, M23, No. of poles: 12, contact type: Pin, Solder connection, cable diameter range: 5.5 mm ... 6.5 mm
M23, Coupler connector, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Pin, Solder cup, cable diameter range: 5.5 mm ... 6.5 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 Pin
Application Signal
Number of positions 12
Direction of rotation Counter direction
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) IP67
Thread type M23
Seal
External cable diameter 5.5 mm ... 6.5 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-12P2N129084 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.