

**INDUSTRIAL COMPONENT DATA**

# RC-12S2N121B20 1599650 PHOENIX CONTACT Cable connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-12S2N121B20



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | RC-12S2N121B20                    |
| Catalog number  | 1599650                           |
| Category        | Sensor-actuator connector chassis |
| Minimum order   | 20 Pcs                            |
| Document ID     | EO-321DFF378B                     |
| Generated       | 2026-08-05                        |

## Product Overview

Cable connector

Plug-in connector for cables, RC, straight, shielded: no, Screw lock, M23, No. of poles: 12, contact type: Female, Solder connection, cable diameter range: 7 mm ... 10 mm

**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 &gt; Field Device Connectors (FDC)

## Additional Product Information

Key Commercial Data

Orderkey 1599650

Packing unit 20 pc

Note Made to Order (non-returnable)

GTIN 4046356226622

Weight per Piece (excluding packing) 92.540 g

Custom tariff number 85366990

Country of origin DE (Germany)

Data of the insulating body

Coding N

Insertion/withdrawal cycles mechanical 50

Contact connection method Solder connection

Type of contacts Socket

Application Signal  
Number of positions 12  
Contact diameter of power contacts 1 mm  
Litz wire cross section of power contacts min. 0.08 mm<sup>2</sup>  
Litz wire cross section of power contacts max. 1 mm<sup>2</sup>  
Nominal current per power contact at 25°C 8 A  
Nominal voltage, power contact 150 V  
Rated surge voltage 1.5 kV  
Overvoltage category II  
Degree of pollution 3  
Overvoltage category II  
Degree of pollution 3  
Housing data  
Housing material Metal  
Type of locking Screw locking  
Degree of protection (when plugged in) IP65  
IP67  
Thread type M23  
Cable seal data  
Cable diameter 7 mm ... 10 mm  
Environmental Product Compliance  
REACH SVHC Lead 7439-92-1  
China RoHS Environmentally Friendly Use Period = 50  
For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"  
Classifications  
eCl@ss 4.0272607xeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260701eCl@ss 6.027260708eCl@ss  
7.027440312eCl@ss 8.027440102eCl@ss 9.027440103  
ETIM 3.0EC001121ETIM 4.0EC001121ETIM 5.0EC001121ETIM 6.0EC002061  
UNSPSC 6.0143172015UNSPSC 7.090143201404UNSPSC 1143172015UNSPSC 12.0143201404UNSPSC  
13.239121413

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-12S2N121B20 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

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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