INDUSTRIAL COMPONENT DATA

# RC-12S1N8A80EN 1599205 PHOENIX CONTACT Cable connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-12S1N8A80EN**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | RC-12S1N8A80EN |
| Catalog number | 1599205 |
| Category | Sensor-actuator connector chassis |
| Minimum order | 20 Pcs |
| Document ID | EO-63F4FFC233 |
| Generated | 2026-11-19 |

## Product Overview

Cable connector
Plug-in connector for cables, RC, straight, shielded: yes, Screw lock, M23, No. of poles: 12, contact type: Female, Crimped connection, cable diameter range: 3 mm ... 10.5 mm

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

Key Commercial Data
Orderkey 1599205
Packing unit 20 pc
Note Made to Order (non-returnable)
GTIN 4046356224659
Weight per Piece (excluding packing) 73.800 g
Custom tariff number 85366990
Country of origin DE (Germany)
Data of the insulating body
Note Order information: Order crimp contacts Ø 1 mm separately
Coding N
Contact connection method Crimp connection
Type of contacts Socket

Application Signal
Number of positions 12
Contact diameter of power contacts 1 mm
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) IP67
Thread type M23
Cable seal data
Cable diameter 3 mm ... 10.5 mm
Sealing material NBR
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 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440102eCl@ss 8.027440102eCl@ss 9.027440103
ETIM 3.0EC001121ETIM 4.0EC001121ETIM 5.0EC002641ETIM 6.0EC002061
UNSPSC 6.0143172015UNSPSC 7.090143201404UNSPSC 1143172015UNSPSC 12.0143201404UNSPSC 13.239121413

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-12S1N8A80EN with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.



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