

INDUSTRIAL COMPONENT DATA

RC-12S2N8A80EP 1600134 PHOENIX CONTACT Cable connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-12S2N8A80EP



Manufacturer	PHOENIX CONTACT
MPN / Reference	RC-12S2N8A80EP
Catalog number	1600134
Category	Sensor-actuator connector chassis
Minimum order	20 Pcs
Document ID	EO-BC85CFAB91
Generated	2026-08-05

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

Catalog path PHOENIX CONTACT > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data

Orderkey 1600134

Packing unit 20 pc

Note Made to Order (non-returnable)

GTIN 4046356228725

Weight per Piece (excluding packing) 73.050 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 5.0EC001121ETIM 6.0EC002061
UNSPSC 6.0143172015UNSPSC 7.090143201404UNSPSC 1143172015UNSPSC 12.0143201404UNSPSC
13.239121413

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-12S2N8A80EP 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.