

**INDUSTRIAL COMPONENT DATA**

# RF-16S1N8A80DU 1613727 PHOENIX CONTACT Cable connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RF-16S1N8A80DU



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | RF-16S1N8A80DU                    |
| Catalog number  | 1613727                           |
| Category        | Sensor-actuator connector chassis |
| Minimum order   | 20 Pcs                            |
| Document ID     | EO-45F8AF91DE                     |
| Generated       | 2026-08-05                        |

## Product Overview

Cable connector

Plug connector. for cables, straight, Screw lock, M23, number of poles: 16, contact type: Female, shielded: yes, protection index: IP67, cable diameter range: 5 mm ... 13.2 mm, number of poles: 16, connection type: Crimped connection, series: RF

**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 1613727

Packing unit 20 pc

Note Made to Order (non-returnable)

GTIN 4046356401869

Weight per Piece (excluding packing) 94.350 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Note Order information: Order crimp contacts Ø 1 mm separately

Type of locking Screw locking

Direction of rotation of contact chamber numbering Standard

Coding N

Contact connection method Crimp connection

Type of contacts Socket

Number of positions 16

Contact diameter of power contacts 1 mm

Nominal current per power contact at 25°C 8 A

Conductor entry 5 mm ... 13.2 mm

Pg housing screw connection none

Ambient conditions

Ambient temperature -40 °C ... 125 °C

Degree of protection IP67

Material

Housing material Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)

Insulator material PA 6.6

Gasket and O-ring material FPM

Specifications according to DIN EN 61984:2001

Installation height max. 2000 m

Nominal / operating voltage of power contacts 100 V

Rated surge voltage of power contacts 1.5 kV

Overvoltage category of power contacts III

Degree of pollution of power contacts 3

Overvoltage category of signal contacts III

Degree of pollution of signal contacts 3

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 5.1...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RF-16S1N8A80DU 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

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