

## INDUSTRIAL COMPONENT DATA

# RF-17F1N1280DU 1616363 PHOENIX CONTACT Cable connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RF-17F1N1280DU



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | RF-17F1N1280DU                    |
| Catalog number  | 1616363                           |
| Category        | Sensor-actuator connector chassis |
| Minimum order   | 20 Pcs                            |
| Document ID     | EO-B68D35B5DC                     |
| Generated       | 2026-08-06                        |

## Product Overview

Cable connector

Plug connector. for cables, straight, Screw lock, M23, number of poles: 17, contact type: Female, shielded: yes, cable diameter range: 5 mm ... 13.2 mm, number of poles: 17, connection type: Solder connection

## 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 1616363

Packing unit 20 pc

Note Made to Order (non-returnable)

GTIN 4046356601061

Weight per Piece (excluding packing) 124.630 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Type of locking Screw locking

Insertion/withdrawal cycles mechanical 50

Direction of rotation of contact chamber numbering Standard

Coding N

Contact connection method Solder connection

Type of contacts Socket

Number of positions 17

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

Conductor entry 5 mm ... 13.2 mm

Pg housing screw connection none

Ambient conditions

Ambient temperature -20 °C ... 125 °C

Degree of protection IP67

Specifications according to DIN EN 61984:2001

Installation height max. 2000 m

Nominal / operating voltage of power contacts 50 V

Rated surge voltage of power contacts 2.5 kV

Overvoltage category of power contacts III

Degree of pollution of power 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 5.127260700eCl@ss 6.027260700eCl@ss

7.027440102eCl@ss 8.027440102eCl@ss 9.027440103

ETIM 3.0EC001121ETIM 4.0EC001121ETIM 5.0EC002635ETIM 6.0EC002061

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RF-17F1N1280DU 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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