

## INDUSTRIAL COMPONENT DATA

# RF-12S1N8AAC00 1607827 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: RF-12S1N8AAC00



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | RF-12S1N8AAC00                    |
| Catalog number  | 1607827                           |
| Category        | Sensor-actuator connector chassis |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-E171AA17CF                     |
| Generated       | 2026-08-01                        |

## Product Overview

Device connector, front mounting

Conect. plug. to be apar. front wall, Swivel elbow, Screw lock, M23, number of poles: 12, contact type: Female, Axial O-ring, 4x Ø 3.2, shielded: yes, flange size: 28 mm x 28 mm, protection index: IP67, number of poles: 12, 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 > Field Device Connectors (FDC) |
|--------------|-------------------------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 1607827

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356268486

Weight per Piece (excluding packing) 124.600 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 12

Contact diameter of power contacts 1 mm

Nominal current per power contact at 25°C 8 A

Pg housing screw connection none

Mounting type 4x Ø 3.2

Ambient conditions

Ambient temperature -20 °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 150 V

Rated surge voltage of power contacts 2.5 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

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 5.027143424eCl@ss 5.1271...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RF-12S1N8AAC00 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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