

## INDUSTRIAL COMPONENT DATA

# RF-17P1N8AWB00 1607863 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: RF-17P1N8AWB00



|                 |                                              |
|-----------------|----------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                              |
| MPN / Reference | RF-17P1N8AWB00                               |
| Catalog number  | 1607863                                      |
| Category        | Circular connector, mounting (without cable) |
| Minimum order   | 1 Pcs                                        |
| Document ID     | EO-4AB9FBEC54                                |
| Generated       | 2026-08-03                                   |

## Product Overview

Device connector, front mounting

Conect. plug. to be apar. front wall, straight, Screw lock, M23, number of poles: 17, contact type: Male, Axial O-ring, 4x Ø 3.2, shielded: yes, protection index: IP67, number of poles: 17, connection type: Crimped connection, series: RF  
Device connector front mounting, straight, Screw locking mechanism, M23, number of positions: 17, contact connection type: Pin, Axial O-ring, 4x Ø 3.2, shielded: yes, number of positions: 17, connection method: Crimp 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

Technical dataNotesOrder information: Order crimp contacts Ø 1 mm separately

MountingMounting type Front mounting

Mounting 4x Ø 3.2

Product propertiesProduct type Circular connectors (device side)

Series RF

Application Signal

Signal

Number of positions 17

Connection profile 17

Shielded yes

Coding N

Thread type M23  
Data management status  
Article revision 03  
Material specifications Seal material FPM  
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  
Electrical properties Contact  
Contact diameter 1 mm  
Max. current 8 A  
Nominal voltage UN 48 V AC 74 V DC  
Overvoltage category III  
Degree of pollution 3  
Rated surge voltage 1.5 kV  
Connection data Conductor connection  
Connection method Crimp connection  
Contact connection type Pin  
Connector Type straight  
Direction of rotation Standard  
Environmental and real-life conditions Ambient conditions  
Degree of protection IP67  
Ambient temperature (operation) -40 °C ... 125 °C  
Altitude 2000 m  
ETIM for 1607863 Connectors (EC002635)  
Feature Name  
Feature Value  
Contact type (EF001587)  
Other  
Number of data contacts (EF012232)  
0  
Number of power contacts (EF012216)  
0  
Number of control contacts (EF012217)  
17  
Ambient temperature (EF002386)  
-40 °C  
Rated voltage (EF000228)  
48 V  
Type of electric connection (EF003961)  
Crimp connection  
Type of locking (EF000208)  
Other  
With protective conductor (EF007468)  
No  
Screened (EF000881)  
Yes  
With status indication (EF001602)

No

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / RF-17P1N8AWB00 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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