

## Device connector, front mounting - RF-17P1N8AWA00 - 1607860

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Device connector, front mounting, straight, Screw locking, M23, number of positions: 17, type of contact: Pin, Crimp connection, Axial O-ring, 4x Ø 3.2, shielded: yes

The figure shows the 12-pos. product version

### Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly



### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 1 pc          |
| GTIN         |               |
| GTIN         | 4046356174947 |

### Technical data

#### 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                                   | Pin   |
| Number of positions                                | 17  |
| 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  |

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## Technical data

### 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

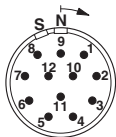
|   |        |
|---|--------|
| Installation height max.                      | 2000 m |
| Nominal / operating voltage of power contacts | 100 V  |
| Rated surge voltage of power contacts         | 1.5 kV |
| Overvoltage category of power contacts        | III    |
| Degree of pollution of power contacts         | 3      |
| Overvoltage category of signal contacts       | III    |
| Degree of pollution of signal contacts        | 3      |

### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

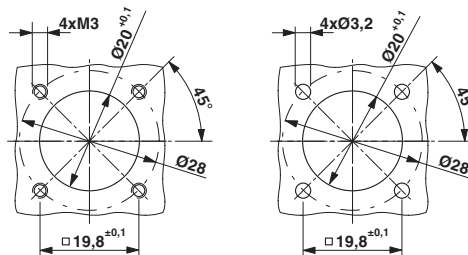
## Drawings

Schematic diagram



Contact chamber numbering (view of plug-in side), standard pin

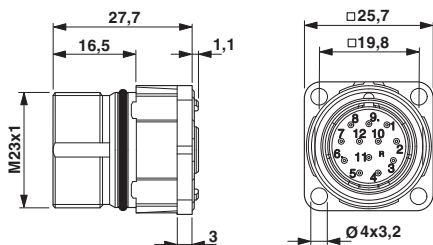
Dimensional drawing



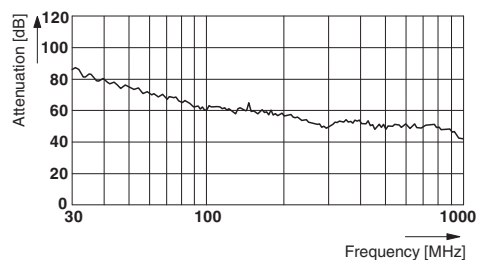
Installation dimensions

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Dimensional drawing



Diagram



Dimensional drawing

## Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

## Approval details

|                            |       |   |               |
|----------------------------|-------|---|---------------|
| UL Recognized              |       | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 153698 |
| Nominal voltage UN         | 125 V |   |               |
| Nominal current IN         | 1 A   |   |               |
| mm <sup>2</sup> /AWG/kcmil | 26    |   |               |

|                            |       |   |               |
|----------------------------|-------|---|---------------|
| cUL Recognized             |       | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 153698 |
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|     |  |         |
|-----|--|---------|
| EAC |  | B.01742 |
|-----|--|---------|

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### Approvals

cULus Recognized



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