

## Device connector, front mounting - RF-16P2N8AW400 - 1613777

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Device connector, front mounting, straight, Screw locking, M23, number of positions: 16, type of contact: Pin, Crimp connection, Axial O-ring, 4x Ø2,7, shielded: yes

The figure shows the 12-pos. product version with standard contact chamber numbering

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 20 pc                                                                                                   |
| GTIN         | <br>4 046356 402217 |
| GTIN         | 4046356402217                                                                                           |

### 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 | Counter direction                                         |
| Coding                                             | N                                                         |
| Contact connection method                          | Crimp connection                                          |
| Type of contacts                                   | Pin                                                       |
| Number of positions                                | 16                                                        |
| 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 Ø2,7                                                   |

#### Ambient conditions

|                      |                   |
|----------------------|-------------------|
| Ambient temperature  | -40 °C ... 125 °C |
| Degree of protection | IP67              |

#### Material

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## Technical data

### 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

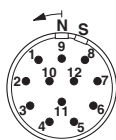
|                                               |        |
|-----------------------------------------------|--------|
| Installation height max.                      | 2000 m |
| Nominal / operating voltage of power contacts | 100 V  |
| Rated surge voltage of power contacts         | 1.5 kV |
| Overvoltage 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

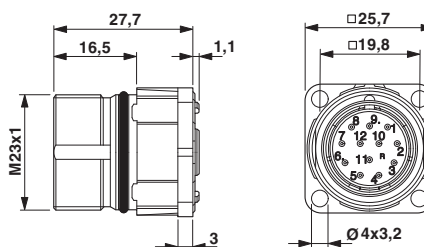
|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50           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

## Drawings

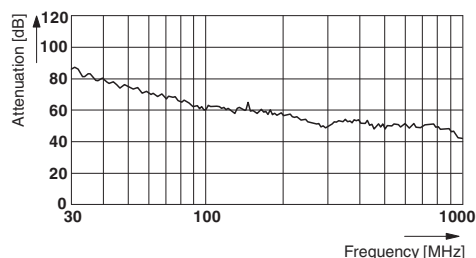
Schematic diagram



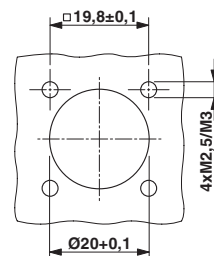
Dimensional drawing



Diagram



Dimensional drawing



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