

## Device connector, front mounting - RF-17P1N8AAC00 - 1607852

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Device connector, front mounting, angled rotatable, Screw locking, M23, Number of positions: 17, Type of contact: Male connector, Crimp connection, Axial O-ring, 4xØ3,2, shielded: Yes, Flange dimensions: 28 mm x 28 mm

The figure shows the 12-pos. product version

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 1             |
| GTIN             | 4046356269049 |

### 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                                   | Male connector                                           |
| Number of positions                                | 17                                                       |
| Contact diameter of power contacts                 | 1 mm                                                     |
| Nominal current per power contact at 25°C          | 8 A                                                      |
| Mounting type                                      | 4xØ3,2                                                   |

#### 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 66                                                                |
| 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 |

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### Technical data

Specifications according to DIN EN 61984:2001

|                                           |     |
|-------------------------------------------|-----|
| Surge voltage category of power contacts  | III |
| Pollution degree of power contacts        | 3   |
| Surge voltage category of signal contacts | III |
| Pollution degree of signal contacts       | 3   |

### classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 7.0 | 27440209 |
| eCl@ss 8.0 | 27440209 |

ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC002635 |

UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43201404 |
| UNSPSC 13.2   | 43201404 |

### approvals

UL Recognized / cUL Recognized / cULus Recognized /

### Approval details

|                                                                                                   |       |
|---------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
| Nominal voltage UN                                                                                | 125 V |
| Nominal current IN                                                                                | 1 A   |
| mm²/AWG/kcmil                                                                                     | 26    |

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approvals

|                                                                                                  |       |
|--------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
|                                                                                                  |       |
| Nominal voltage UN                                                                               | 125 V |
| Nominal current IN                                                                               | 1 A   |
| mm²/AWG/kcmil                                                                                    | 26    |

|                                                                                                       |  |
|-------------------------------------------------------------------------------------------------------|--|
| cULus Recognized  US |  |
|-------------------------------------------------------------------------------------------------------|--|

accessories

**Crimp contact**

SF-6CP2000 - 1605559



SF-10KP004 - 1607355



SF-6AP2000 - 1605554



## Device connector, front mounting - RF-17P1N8AAC00 - 1607852

### accessories

SF-10KP320 - 1615961



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SF-10KP350 - 1615963



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SF-10KP330 - 1615962



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SF-10KP360 - 1615964



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### Protective cover

SF-Z0019 - 1607449



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### accessories

RC-Z2059 - 1604225



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RC-Z2469 - 1611797



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RC-Z2068 - 1604236



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RC-Z2062 - 1604228



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### Mounting material

RF-Z0017 - 1620624



## Device connector, front mounting - RF-17P1N8AAC00 - 1607852

accessories

RF-Z0018 - 1620625

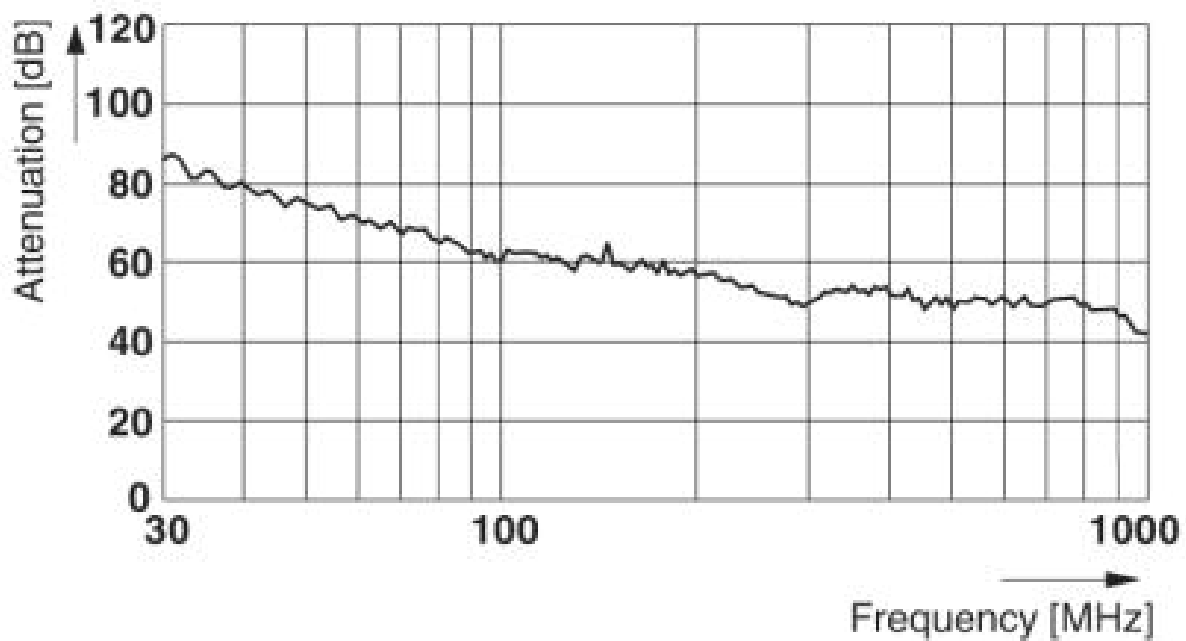


RF-Z0019 - 1620626



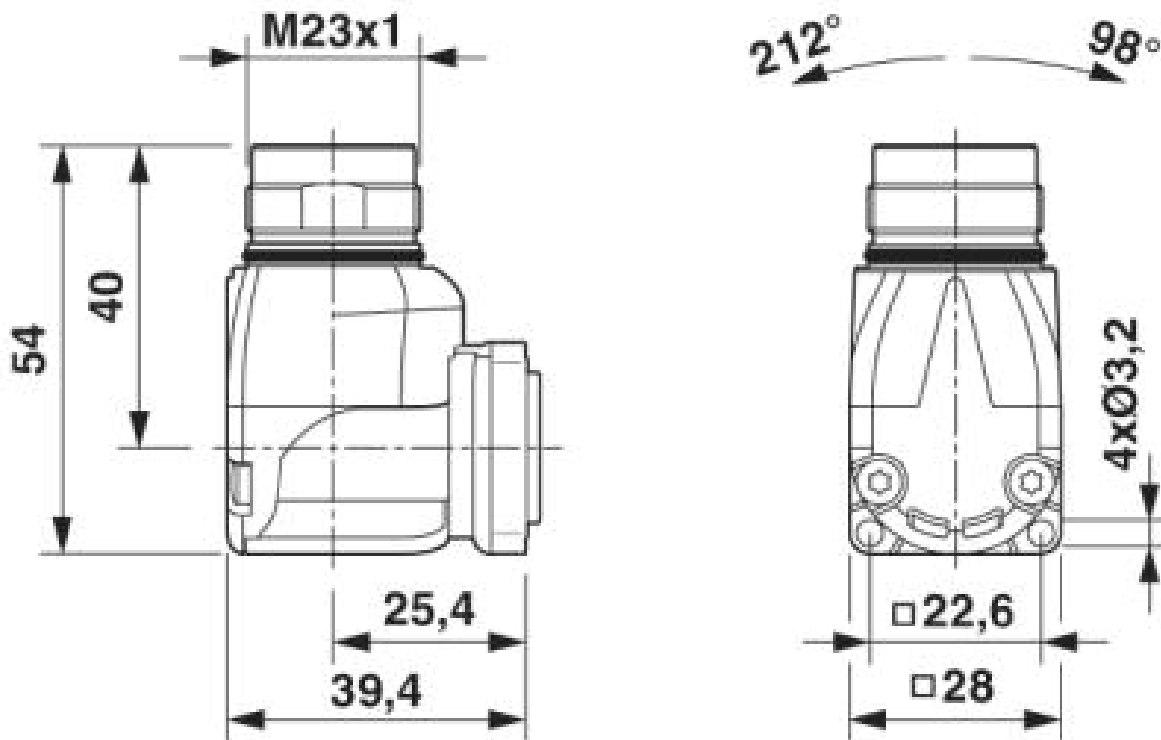
### Drawings

Diagram



## Device connector, front mounting - RF-17P1N8AAC00 - 1607852

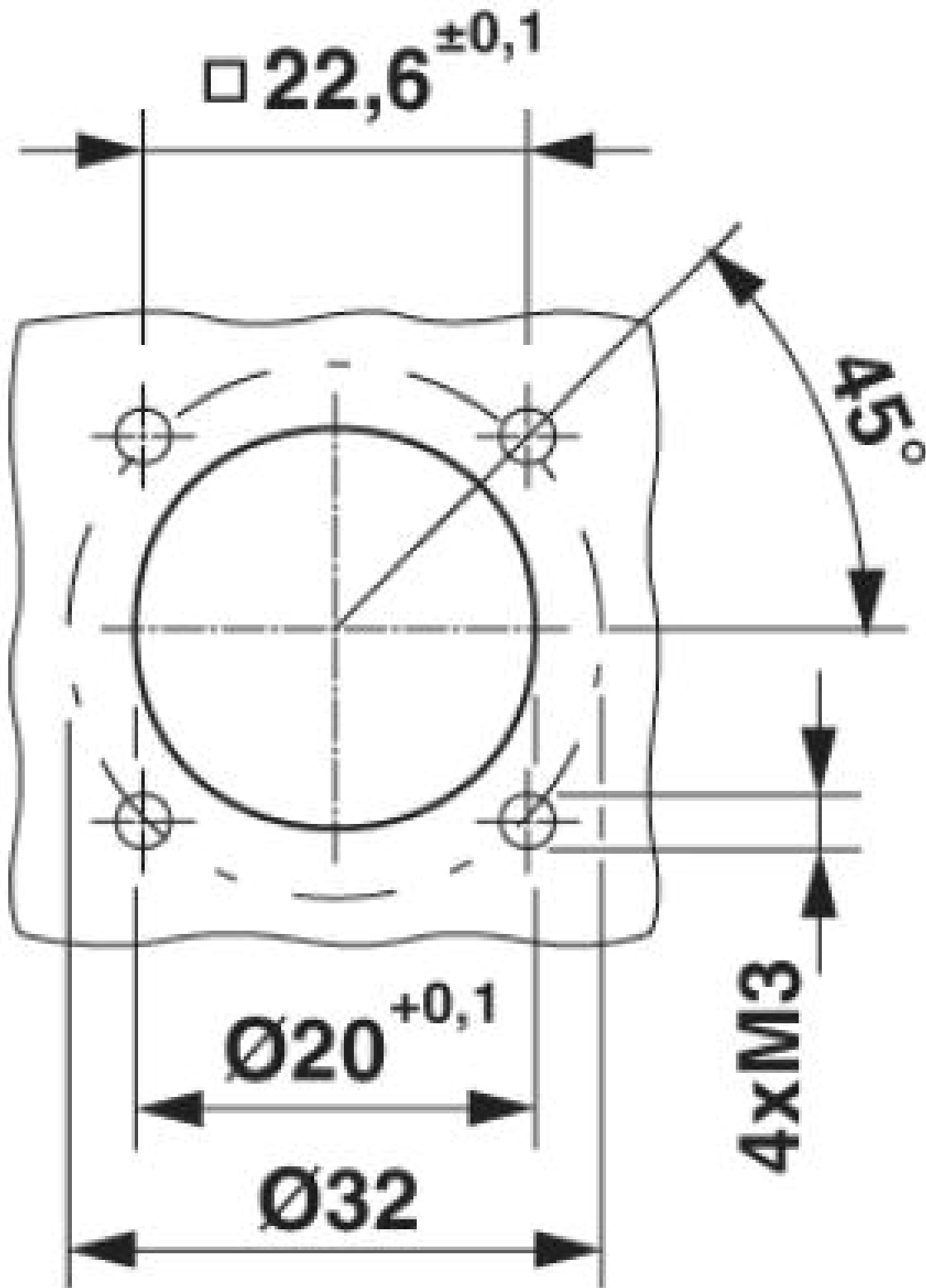
Dimensioned drawing



Dimensional drawing

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Dimensioned drawing



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Schematic diagram

