

# RC-16P1N8A4300 - Device connector rear mounting



1611119

<https://www.phoenixcontact.com/us/products/1611119>

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M23, Device connector rear mounting, application: Signal, series: RC, straight, Screw locking mechanism, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, Radial O-ring, Panel thickness min.: 2.7 mm, Panel thickness max.: 3.5 mm, coding: N

The figure shows the 12-pos. product version

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1611119                        |
| Packing unit                         | 40 pc                          |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | ABRAFR                         |
| GTIN                                 | 4046356393584                  |
| Weight per piece (including packing) | 109 g                          |
| Weight per piece (excluding packing) | 109 g                          |
| Country of origin                    | DE                             |

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## Technical data

### Notes

|                    |  |
|--------------------|--|
| Order information: | Order crimp contacts Ø 1 mm separately |
|--------------------|--|

### Product properties

|              |                                   |
|--------------|-----------------------------------|
| Product type | Circular connectors (device side) |
|--------------|-----------------------------------|

### Connector

#### Insulating body

|   |   |
|---|---|
| Note                                    | Order information: Order crimp contacts Ø 1 mm separately |
| Coding                                  | N   |
| Material (Insulating body)              | PA 6.6  |
| Connection method                       | Crimp connection  |
| Contact switching type                  | Pin   |
| Application                             | Signal  |
| Number of positions                     | 16  |
| Direction of rotation                   | Standard  |
| Connection profile                      | 16  |
| Number (Contact group 1)                | 16  |
| Contact diameter (Contact group 1)      | 1 mm  |
| Rated current Contact (Contact group 1) | 8 A (for max. connection cross section)                   |
| Rated voltage Contact (Contact group 1) | 48 V AC<br>74 V DC  |
| Rated surge voltage                     | 1.5 kV  |
| Overvoltage category                    | III   |
| Degree of pollution                     | 3   |

#### Housing

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Type                              | Flange housing                      |
| Thread type                       | M23                                 |
| Design                            | straight                            |
| Type of locking                   | Screw locking mechanism             |
| Pg screw connection               | none                                |
| Mounting type                     | Rear mounting/square flange (4x M3) |
| Material (Housing)                | Metal                               |
| Degree of protection (plugged in) | IP67                                |
| Seal for the device               | Radial O-ring                       |

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## Drawings



Dimensional drawing



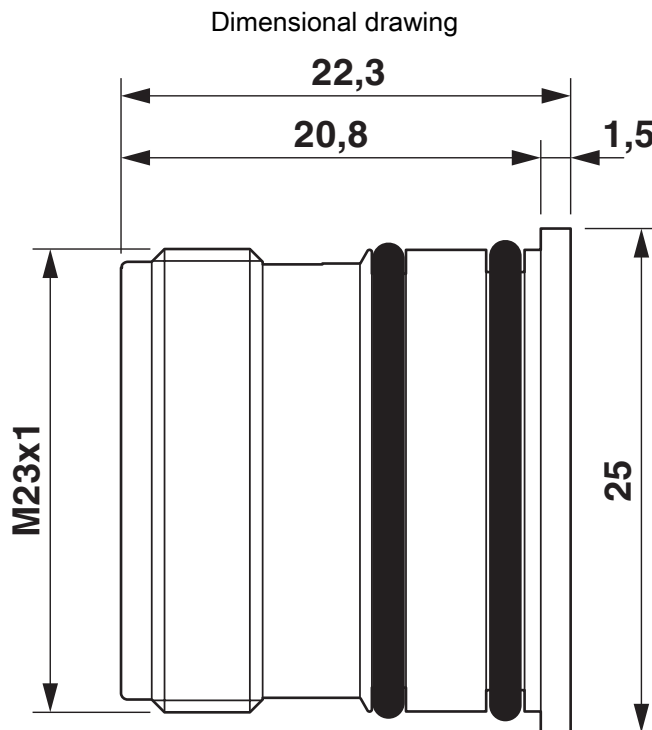
Installation dimensions

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Dimensional drawing



Installation dimensions

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Schematic diagram



Connector pin assignment

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)