

Device connector, front mounting - RF-06M1N12WA00 - 1617486

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Device connector, front mounting, straight, Screw locking, M23, Number of positions: 6, Type of contact: Pin, Solder connection, Axial O-ring, 4x Ø 3.2, shielded: yes

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



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 20 STK |
| GTIN | |
| GTIN | 4046356603324 |

Technical data

General

| | |
|--|----------------------|
| Type of locking | Screw locking |
| Insertion/withdrawal cycles mechanical | 50 |
| Direction of rotation of contact chamber numbering | Standard |
| Coding | N |
| Contact connection method | Solder connection |
| Type of contacts | Pin |
| Number of positions | 6 |
| Contact diameter of power contacts | 2 mm |
| Litz wire cross section of power contacts min. | 0.08 mm ² |
| Litz wire cross section of power contacts max. | 2.5 mm ² |
| Nominal current per power contact at 25°C | 20 A |
| Pg housing screw connection | none |
| Mounting type | 4x Ø 3.2 |

Ambient conditions

| | |
|---------------------|-------------------|
| Ambient temperature | -40 °C ... 125 °C |
|---------------------|-------------------|

Device connector, front mounting - RF-06M1N12WA00 - 1617486

Technical data

Ambient conditions

| | |
|----------------------|------|
| Degree of protection | IP67 |
|----------------------|------|

Specifications according to DIN EN 61984:2001

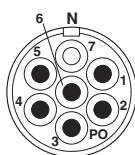
| | |
|---|--------|
| Installation height max. | 2000 m |
| Nominal / operating voltage of power contacts | 50 V |
| Rated surge voltage of power contacts | 2.5 kV |
| Overvoltage category of power contacts | III |
| Degree of pollution of power contacts | 3 |

Environmental Product Compliance

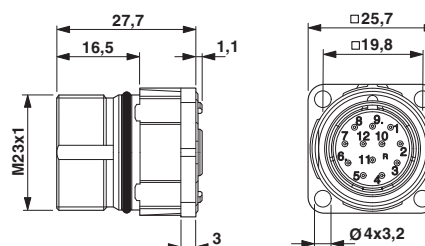
| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

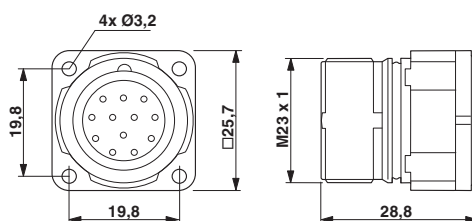
Schematic diagram



Dimensional drawing



Dimensional drawing



Approvals

Approvals

Approvals


EAC

Ex Approvals

Device connector, front mounting - RF-06M1N12WA00 - 1617486

Approvals

Approval details

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

Phoenix Contact 2017 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>