

RC-12S1Y8AE000 - Device connector rear mounting



1599581

<https://www.phoenixcontact.com/us/products/1599581>

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The figure shows the 17-pos.
product version

M23, Device connector rear mounting, application: Signal, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, Radial O-ring, Panel thickness min.: 3 mm, Panel thickness max.: 10.5 mm, coding: Y, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241091

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1599581 |
| Packing unit | 40 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | ABRAFR |
| GTIN | 4046356226370 |
| Weight per piece (including packing) | 39.767 g |
| Weight per piece (excluding packing) | 37.26 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) |
| Thread type | M23 |

Material specifications

| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Connection data

Conductor connection

| | |
|-------------------|-------------------|
| Connection method | Solder connection |
|-------------------|-------------------|

Connector

Insulating body

| | |
|---|---|
| Note | Order information: Order crimp contacts Ø 1 mm separately |
| Coding | Y |
| Connection method | Crimp connection |
| Contact switching type | Socket |
| Application | Signal |
| Number of positions | 12 |
| Direction of rotation | Standard |
| Connection profile | 12 |
| Number (Contact group 1) | 12 |
| 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 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) | GD-Zn |

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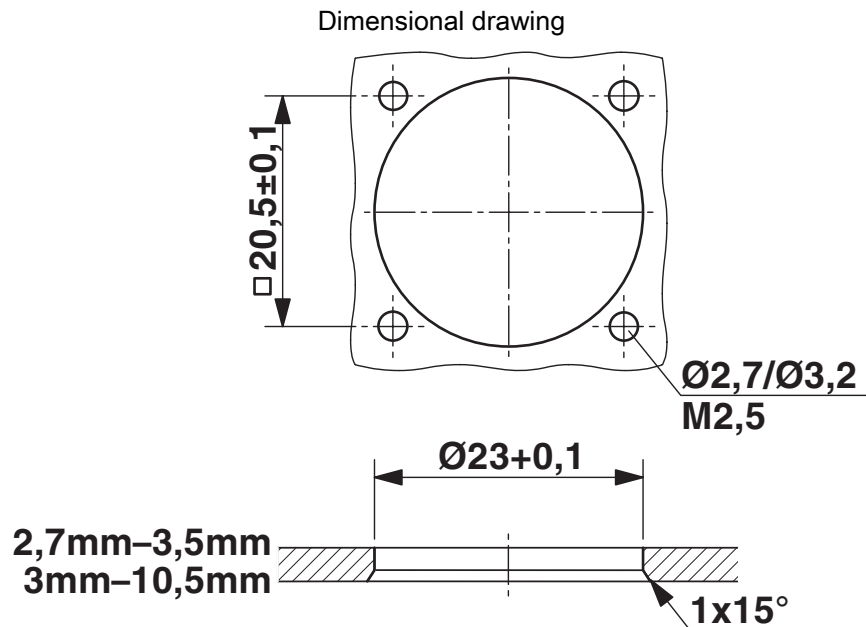
| | |
|-----------------------------------|---------------|
| Material (Housing surface) | Ni |
| Material (Rotating parts) | CuZn |
| Degree of protection (plugged in) | IP67 |
| Seal for the device | Radial O-ring |

Environmental and real-life conditions

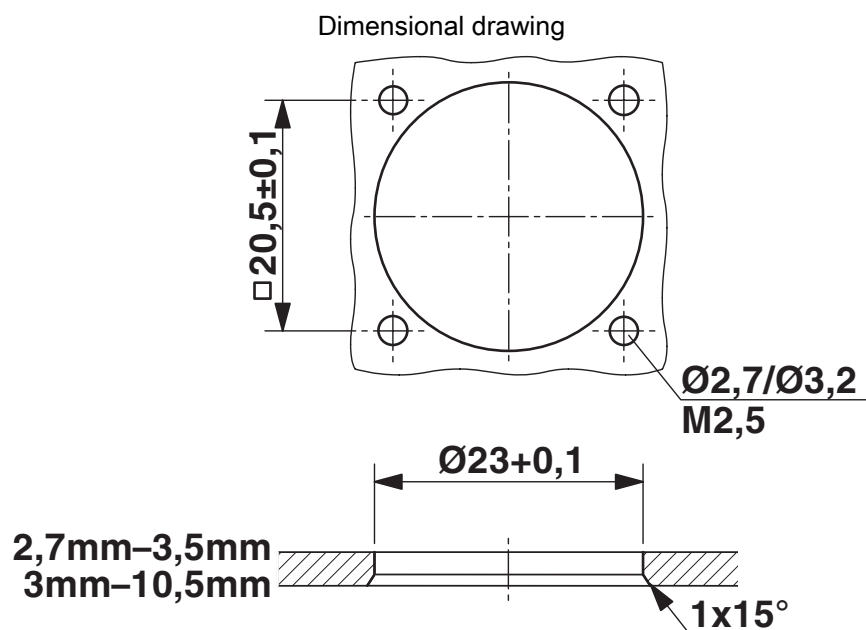
Ambient conditions

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

Drawings



Installation dimensions



Installation dimensions

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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | c5db420f-5e1b-4ac1-a55a-2e769538a5ba |

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