

RC-17P1NA22300J - Device connector front mounting



1615837

<https://www.phoenixcontact.com/us/products/1615837>

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The figure shows the 12-pos.
product version

M23, Device connector front mounting, application: Signal, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Pin, Solder-in connection, Flat gasket, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1242996

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1615837 |
| Packing unit | 20 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | ABRAFL |
| GTIN | 4046356730716 |
| Weight per piece (including packing) | 37.944 g |
| Weight per piece (excluding packing) | 34.06 g |
| Country of origin | DE |

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Technical data

Product properties

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

Connector

Insulating body

| | |
|---|---|
| Coding | N |
| Material (Insulating body) | PBT |
| Material (Contact) | CuZn |
| Material (Contact surface) | Ni/Au |
| Insertion/withdrawal cycles | 50 |
| Connection method | Solder-in connection |
| Contact switching type | Pin |
| Application | Signal |
| Number of positions | 17 |
| Direction of rotation | Standard |
| Connection profile | 17 |
| Number (Contact group 1) | 17 |
| 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 | Front mounting/square flange (4x Ø 3.2 mm) |
| Material (Housing) | Metal |
| Degree of protection (plugged in) | IP67 |
| Seal for the device | Flat gasket |

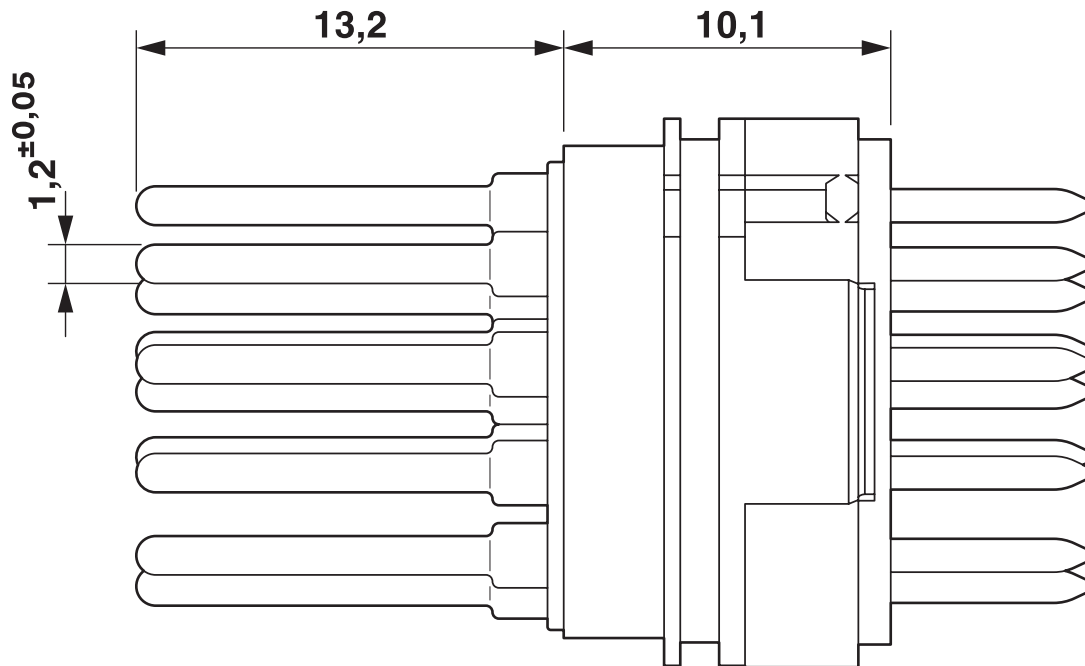
Drawings

Dimensional drawing



Installation dimensions

Dimensional drawing



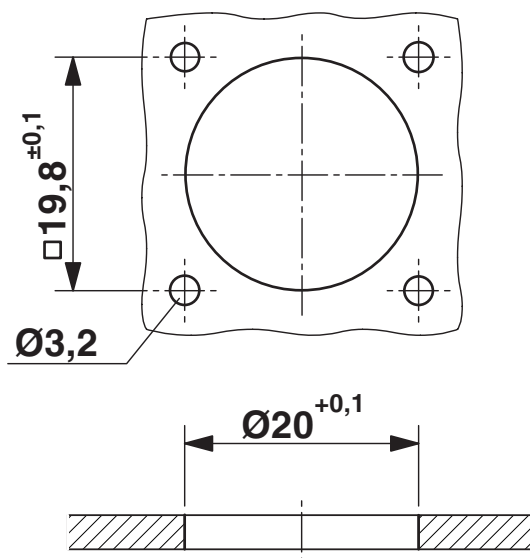
Dimensional drawing

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Dimensional drawing



Installation dimensions

Schematic diagram



Connector pin assignment

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Classifications

ECLASS

ECLASS-13.0

27440116

UNSPSC

UNSPSC 21.0

39131500

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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 | ad0fa2e6-2e17-46fd-a726-391de71bc4cb |

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