

RC-17P1N12RBJ9 - Crimp contact



1616674

<https://www.phoenixcontact.com/us/products/1616674>

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M23, Crimp contact, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Pin, Solder cup, cable diameter range: 5.5 mm ... 6.5 mm, coding: N

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1616674 |
| Packing unit | 20 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | ABRAFA |
| GTIN | 4046356883269 |
| Weight per piece (including packing) | 109.62 g |
| Weight per piece (excluding packing) | 109.62 g |
| Country of origin | DE |

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Technical data

Product properties

| | |
|--------------|---------------------------------|
| Product type | Circular connector (cable-side) |
|--------------|---------------------------------|

Connector

Insulating body

| | |
|--|---|
| Coding | N |
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Insertion/withdrawal cycles | 50 |
| Connection method | Solder cup |
| Contact switching type | Pin |
| Application | Signal |
| Number of positions | 17 |
| Direction of rotation | Standard |
| Connection profile | 17 |
| Number Contact (Contact group 1) | 17 |
| Diameter Contact (Contact group 1) | 1 mm |
| Litz wire cross-section min. Contact (Contact group 1) | 0.08 mm ² |
| Litz wire cross-section max. Contact (Contact group 1) | 1 mm ² |
| 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

| | |
|-----------------------------------|--|
| Order information: | Order contact inserts and cable clamping/shield accessories separately |
| Thread type | M23 |
| Type of locking | Screw locking mechanism |
| Pg screw connection | none |
| Housing material | Metal |
| Degree of protection (plugged in) | IP67 |

Seal

| | |
|-------------------------|-------------------|
| External cable diameter | 5.5 mm ... 6.5 mm |
|-------------------------|-------------------|

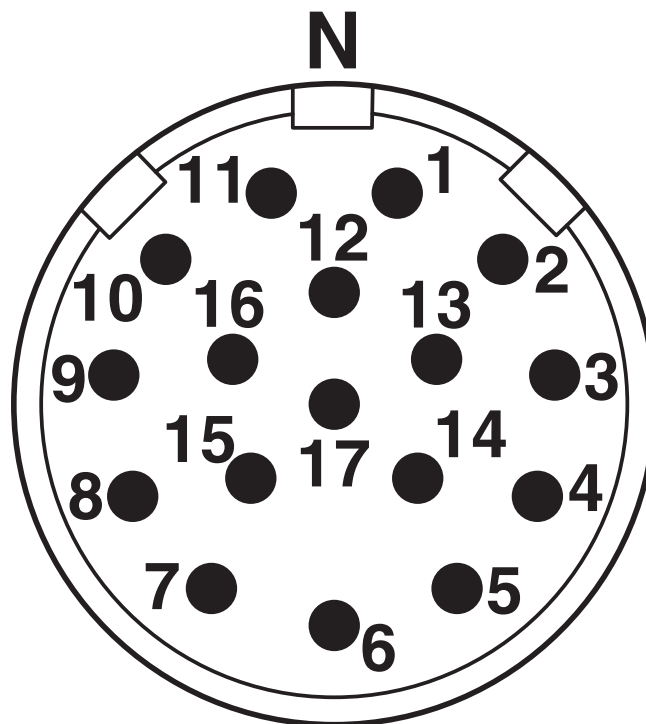
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Drawings

Schematic diagram



Connector pin assignment

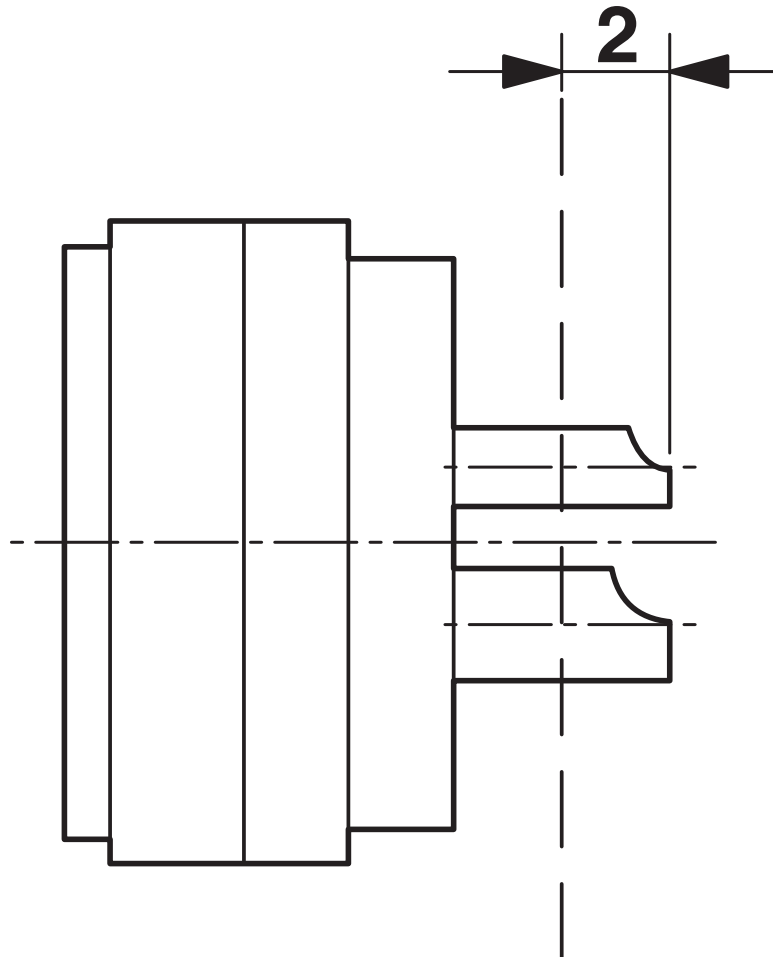
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Schematic diagram



Dimensional drawing

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