# RC-17S1N12C3J0 - Rear panel feed-through

1601950

https://www.phoenixcontact.com/us/products/1601950

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M23, Rear panel feed-through,  series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Socket, Solder cup, Radial O-ring, 4xM3, Panel thickness max.: 2.5 mm, cable diameter range: 9.5 mm ... 10.5 mm, coding: N

## Commercial data

| | |
|---|---|
| Item number | 1601950 |
| Packing unit | 20 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | ABRAFJ |
| GTIN | 4046356237413 |
| Weight per piece (including packing) | 89.84 g |
| Weight per piece (excluding packing) | 86.95 g |
| Country of origin | DE |

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## Technical data

### Product properties

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

### Connector

#### Insulating body

| | |
|---|---|
| Coding | N |
| Insertion/withdrawal cycles | 50 |
| Connection method | Solder cup |
| Contact switching type | Socket |
| Application | Signal |
| Number of positions | 17 |
| Direction of rotation | Standard |
| Connection profile | 17 |
| Contact diameter Power contacts | 1 mm |
| Litz wire cross-section Power contacts min. | 0.08 mm² |
| Litz wire cross-section Power contacts max. | 1 mm² |
| Rated current Power contacts | 8 A |
| Rated voltage | 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 |
| Housing material | Metal |
| Type of locking | Screw locking mechanism |
| Pg screw connection | none |
| Degree of protection (plugged in) | IP67 |
| Thread type | M23 |

#### Seal

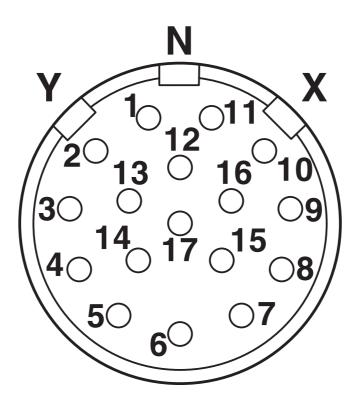| | |
|---|---|
| External cable diameter | 9.5 mm ... 10.5 mm |

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## Drawings

Schematic diagram



Connector pin assignment

## Classifications

### UNSPSC

| UNSPSC 21.0 | 39121413 |
|---|---|

## 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.) | No substance above 0.1 wt% |

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