

RC-17P1N8A80GK - Cable connector



1601510

<https://www.phoenixcontact.com/us/products/1601510>

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M23, Cable connector, straight, shielded: no, Screw locking mechanism, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 7.5 mm ... 9.5 mm, coding: N

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1601510 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB31 |
| Product key | ABRAFA |
| GTIN | 4046356235099 |
| Weight per piece (including packing) | 71.5 g |
| Weight per piece (excluding packing) | 71.5 g |
| Customs tariff number | 85366990 |
| 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 connector (cable-side) |
|--------------|---------------------------------|

Connector

| | |
|------------------------|---|
| Insulating body | |
| Note | Order information: Order crimp contacts Ø 1 mm separately |
| Coding | N |
| Connection method | Crimp connection |
| Contact switching type | Pin |
| Application | Signal |
| Number of positions | 17 |
| Direction of rotation | Standard |
| Connection profile | 17 |
| Contact diameter | 1 mm |
| Power contacts | |
| Rated current | 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 separately |
| Housing material | Metal |
| Type of locking | Screw locking mechanism |
| Pg screw connection | none |
| Degree of protection (plugged in) | IP65 |
| | IP67 |
| | IP68 |
| Thread type | M23 |

Seal

| | |
|-------------------------|-------------------|
| External cable diameter | 7.5 mm ... 9.5 mm |
| Seal material | NBR |

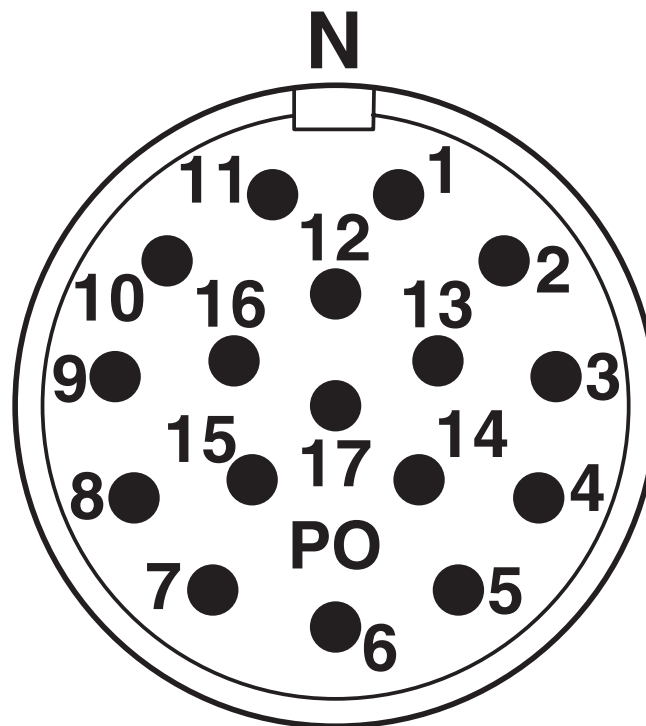
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Drawings

Schematic diagram



Connector pin assignment

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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121413 |
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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.) | No substance above 0.1 wt% |

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