

RC-12S2N1280P8 - Cable connector



1599770

<https://www.phoenixcontact.com/pc/products/1599770>

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M23, Cable connector, straight, shielded: no, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Socket, Solder cup, cable diameter range: 7.5 mm ... 9.5 mm, coding: N

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1599770 |
| Packing unit | 20 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | ABRAFA |
| GTIN | 4046356227353 |
| Weight per piece (including packing) | 74.57 g |
| Weight per piece (excluding packing) | 71.24 g |
| Customs tariff number | 85366990 |
| 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 | 12 |
| Direction of rotation | Counter direction |
| Connection profile | 12 |
| Contact diameter | 1 mm |
| Litz wire cross-section | 0.08 mm² |
| Litz wire cross-section | 1 mm² |
| 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 |
|-------------------------|-------------------|

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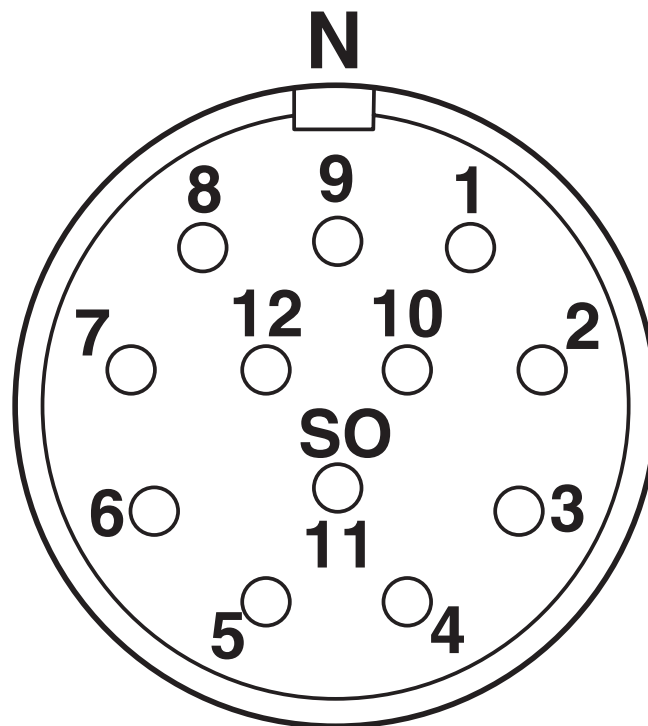
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Drawings

Schematic diagram



Connector pin assignment

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27440102 |
|-------------|----------|

ETIM

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| ETIM 8.0 | EC002635 |
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UNSPSC

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|-------------|----------|
| 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) |

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