

UC-17S1N8AT0AB - Cable connector



1612757

<https://www.phoenixcontact.com/us/products/1612757>

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The figure shows the 12-pos.
product version

M23, Cable connector, application: Signal, series: UC, angled, shielded: yes, Screw locking mechanism, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, cable diameter range: 9.5 mm ... 11.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1242666

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1612757 |
| Packing unit | 8 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | ABRAIC |
| GTIN | 4046356396776 |
| Weight per piece (including packing) | 187 g |
| Weight per piece (excluding packing) | 153.53 g |
| 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 |
| Material (Insulating body) | PA 6.6 |
| Connection method | Crimp connection |
| Contact switching type | Socket |
| 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 | Cable connector housing |
| Thread type | M23 |
| Design | angled |
| Type of locking | Screw locking mechanism |
| Pg screw connection | none |
| Material (Housing) | GD-Zn |
| Material (Rotating parts) | CuZn |
| Material (Housing surface) | Ni |
| Material (Seal) | FPM (O-ring) |
| Degree of protection (plugged in) | IP67 |

Seal

| | |
|-------------------------|--------------------|
| External cable diameter | 9.5 mm ... 11.5 mm |
| Seal material | FPM |

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Environmental and real-life conditions

Ambient conditions

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|--|
| Permissible humidity (storage/transport) |
|--|

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|---------------|
| 50 % ... 65 % |
|---------------|

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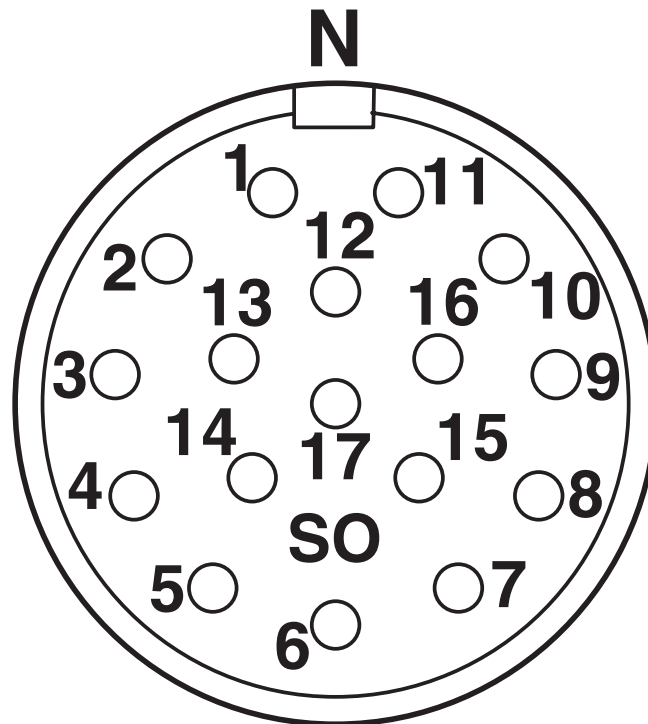


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Drawings

Schematic diagram



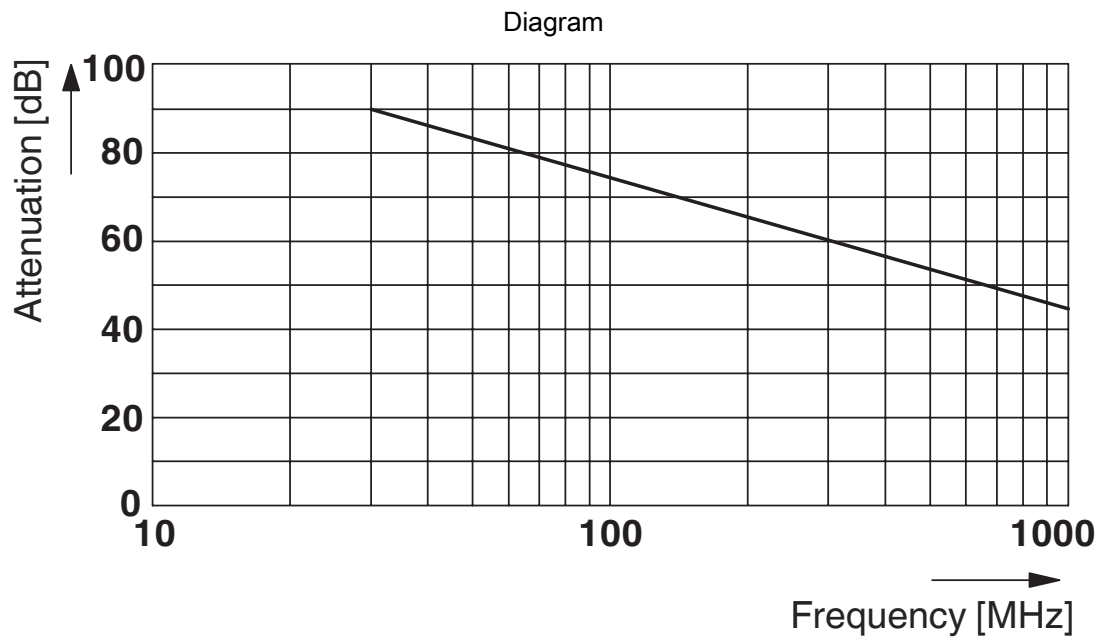
Connector pin assignment

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440116 |
|-------------|----------|

UNSPSC

| | |
|-------------|----------|
| 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) |
| SCIP | 22317c38-286a-48f4-bcf4-abaccd61b1e4 |

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