

Cable connector - M23-17S1N8A80DU - 1629204

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Cable connector, straight, shielded: yes, Screw locking, M23, No. of pos.: 17, type of contact: Socket, Crimp connection, cable diameter range: 3 mm ... 15 mm

Your advantages

- ✓ Solutions with cross-manufacturer compatibility for standard and fast locking systems
- ✓ Reliable under the harshest conditions: cable connectors with vibration brake
- ✓ Modern, consistent design for highly convenient operation
- ✓ Easy, cost-effective cable assembly: uniform shielding of M17 to M40

RoHS

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 055626 618371 |
| GTIN | 4055626618371 |
| Weight per Piece (excluding packing) | 98.620 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Temperature range

| | |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

Data of the insulating body

| | |
|---------------------------|---|
| Note | Order information: Order crimp contacts Ø 1 mm separately |
| Coding | N |
| Insulator material | PA 6.6 |
| Contact connection method | Crimp connection |
| Type of contacts | Socket |
| Application | Signal |

Cable connector - M23-17S1N8A80DU - 1629204

Technical data

Data of the insulating body

| | |
|--|-------|
| Number of positions | 17 |
| Contact diameter of signal contacts | 1 mm |
| Nominal current per signal contact at 25°C | 8 A |
| Nominal voltage, signal contact | 125 V |
| Rated surge voltage | 2 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |

Housing data

| | |
|--|--------------------------|
| Housing material | GD-Zn |
| Type of locking | Screw locking |
| Degree of protection (when plugged in) | IP66 / IP68 (2 m / 24 h) |
| Thread type | M23 |

Cable seal data

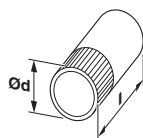
| | |
|------------------|-----------------------------------|
| Cable diameter | 3 mm ... 15 mm (Universal gasket) |
| Sealing material | NBR |

Environmental Product Compliance

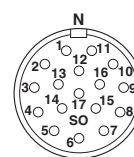
| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Dimensional drawing



Schematic diagram



Technical drawings can be found under Downloads

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 8.0 | 27440102 |
| eCl@ss 9.0 | 27440103 |

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC002635 |
| ETIM 6.0 | EC002061 |

Cable connector - M23-17S1N8A80DU - 1629204

Accessories

Accessories

Crimp contact

Crimp contact - RC-12S2000 - 1599600



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm² ... 0.56 mm²

Crimp contact - RC-11S2000 - 1596772



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm² ... 0.22 mm²

Crimp contact - RC-1KS2000 - 1602998



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm² ... 1 mm²

Crimp contact - RC-22S2000 - 1603327



Crimp contact, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

Crimp contact - RC-22S2300 - 1603330



Crimp contact, rolled, Taped articles, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

Cable connector - M23-17S1N8A80DU - 1629204

Accessories

Crimp contact - RC-22S2400 - 1603332



Crimp contact, rolled, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Hook wrench - SF-Z0027 - 1607455



Hook wrench

Special wrench - RF-Z0007 - 1614347



Special wrench