

Cable connector - M23-12P1N8A8003S - 1629162

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Cable connector, M23 PRO, straight, shielded: yes, ONECLICK fast locking system, M23, No. of pos.: 12, type of contact: Pin, Crimp connection, cable diameter range: 6 mm ... 10 mm

Your advantages

- ✓ Solutions with cross-manufacturer compatibility for standard and fast locking systems
- ✓ ONECLICK fast locking system with an optically, haptically, and acoustically clear locking position
- ✓ 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

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 055626 617954 |
| GTIN | 4055626617954 |
| Weight per Piece (excluding packing) | 95.950 g |
| Weight per piece (including packing) | 102.100 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 |

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Technical data

Data of the insulating body

| | |
|---|-----------------------------------|
| Type of contacts | Pin |
| Application | Signal |
| Number of positions | 12 |
| Direction of rotation | Standard |
| Contact diameter of signal contacts | 1 mm |
| Litz wire cross section of signal contacts min. | 0.08 mm ² |
| Litz wire cross section of signal contacts max. | 1 mm ² |
| Nominal current per signal contact | 8 A |
| Note | for max. connection cross section |
| Rated voltage of signal contact | 150 V |
| Rated surge voltage | 2.5 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Note | for max. connection cross section |

Housing data

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

Cable seal data

| | |
|------------------|----------------|
| Cable diameter | 6 mm ... 10 mm |
| Sealing material | FKM |

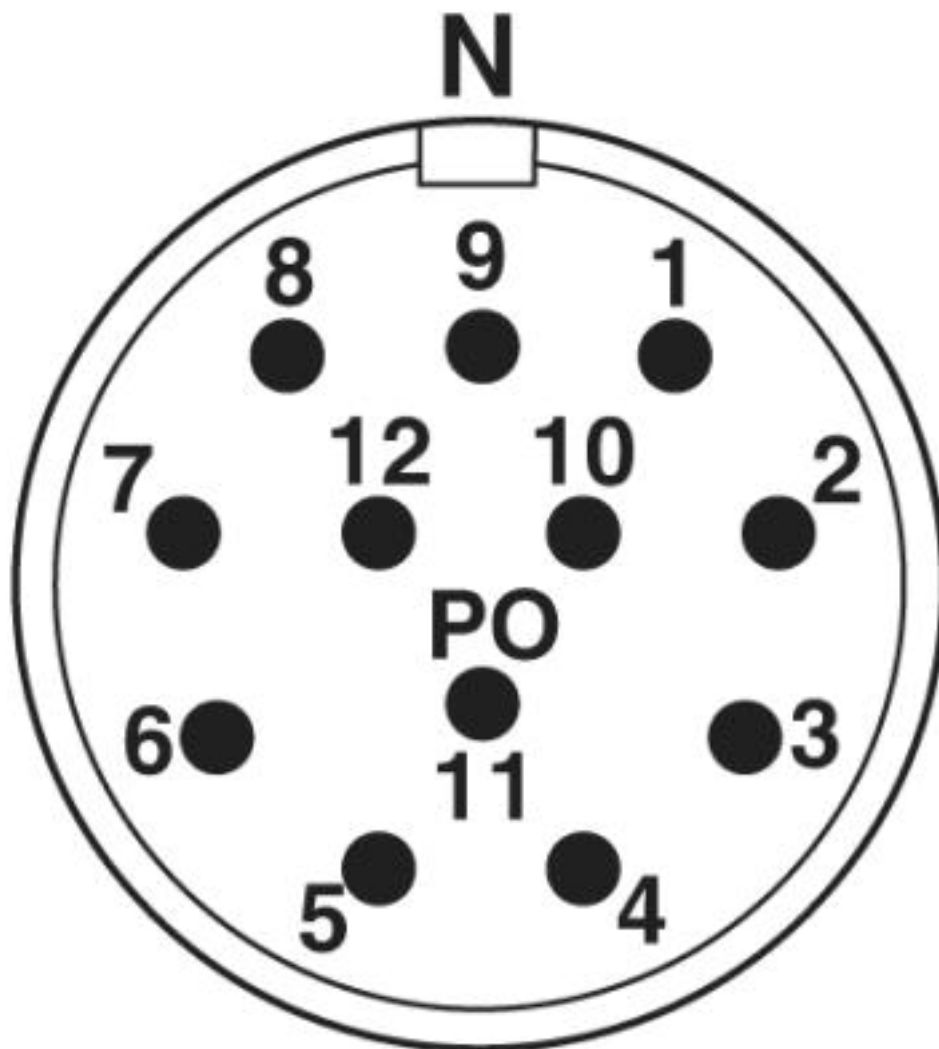
Environmental Product Compliance

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

Drawings

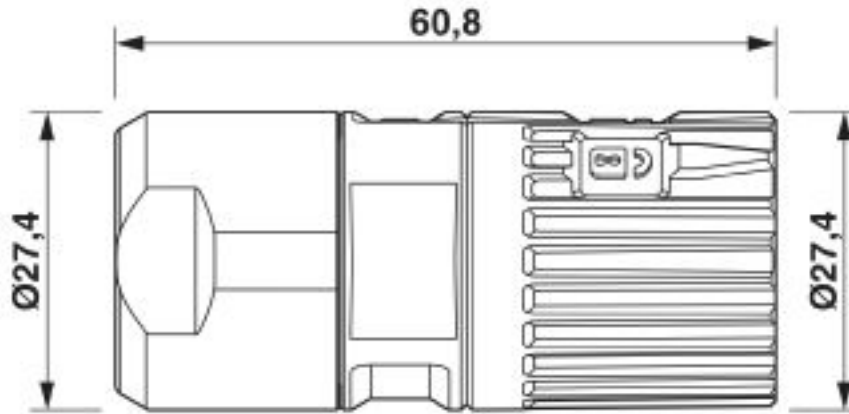
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Schematic diagram



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Dimensional drawing



Technical drawings can be found under Downloads

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27440102 |
| eCl@ss 8.0 | 27440102 |
| eCl@ss 9.0 | 27440102 |

ETIM

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

Accessories

Accessories

Crimp contact

Crimp contact - RC-12P2000 - 1597862



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

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Accessories

Crimp contact - RC-11P2000 - 1596770



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

Crimp contact - RC-1KP2000 - 1602996



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

Crimp contact - RC-22P2400 - 1603325



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

Crimp contact - RC-22P2000 - 1603321



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

Crimp contact - RC-22P2300 - 1603324



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

Mounting material

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Accessories

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Special wrench - RF-Z0007 - 1614347



Special wrench

Hook wrench - SF-Z0027 - 1607455



Hook wrench
