

Cable connector - M23-7EP198A80DNS - 1628867

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Cable connector, M23 PRO, straight short, shielded: yes, ONECLICK fast locking system, M23, No. of pos.: 4+3+PE, type of contact: Pin, Crimp connection, cable diameter range: 5.5 mm ... 15 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 617633 |
| GTIN | 4055626617633 |
| Weight per Piece (excluding packing) | 127.000 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 4 x Ø 1 mm, 4 x Ø 2 mm separately |
| Insulator material | PA 6.6 |
| Contact connection method | Crimp connection |
| Type of contacts | Pin |

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Technical data

Data of the insulating body

| | |
|---|-----------------------------------|
| Application | Power |
| Number of positions | 8 |
| Contact diameter of power contacts | 2 mm |
| Litz wire cross section of power contacts min. | 0.25 mm ² |
| Litz wire cross section of power contacts max. | 4 mm ² |
| Rated current for power contacts | 30 A |
| Additional text | for max. connection cross section |
| Rated voltage of power contact | 630 V |
| Rated surge voltage | 6 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Contact diameter of signal contacts | 1 mm |
| Litz wire cross section of signal contacts min. | 0.06 mm ² |
| Litz wire cross section of signal contacts max. | 1 mm ² |
| Nominal current per signal contact | 9 A |
| Additional text | for max. connection cross section |
| Rated voltage of signal contact | 250 V |
| Rated surge voltage | 4 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Additional text | for max. connection cross section |
| Installation height | 2000 m |

Housing data

| | |
|--|--------------------------------|
| Housing material | GD-Zn |
| Type of locking | ONECLICK fast locking system |
| Degree of protection (when plugged in) | IP66 / IP68 (2m / 24h) / IP69K |
| Thread type | M23 |

Cable seal data

| | |
|------------------|-------------------------------------|
| Cable diameter | 5.5 mm ... 15 mm (Universal gasket) |
| Sealing material | FKM |

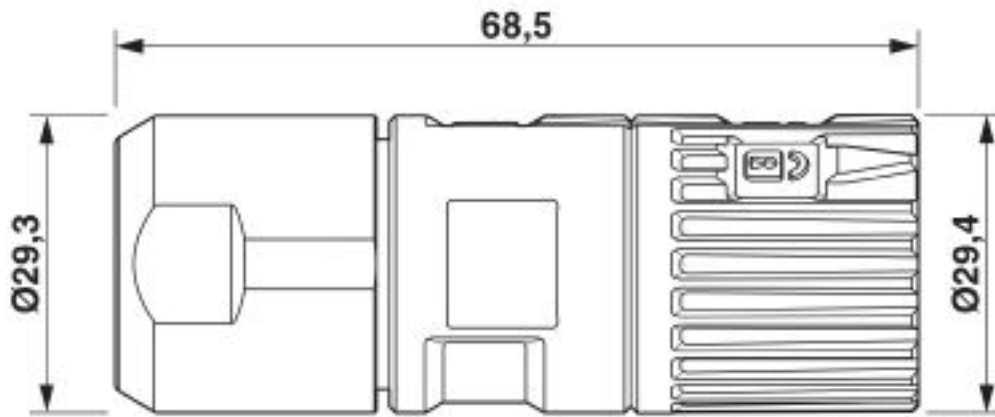
Environmental Product Compliance

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

Drawings

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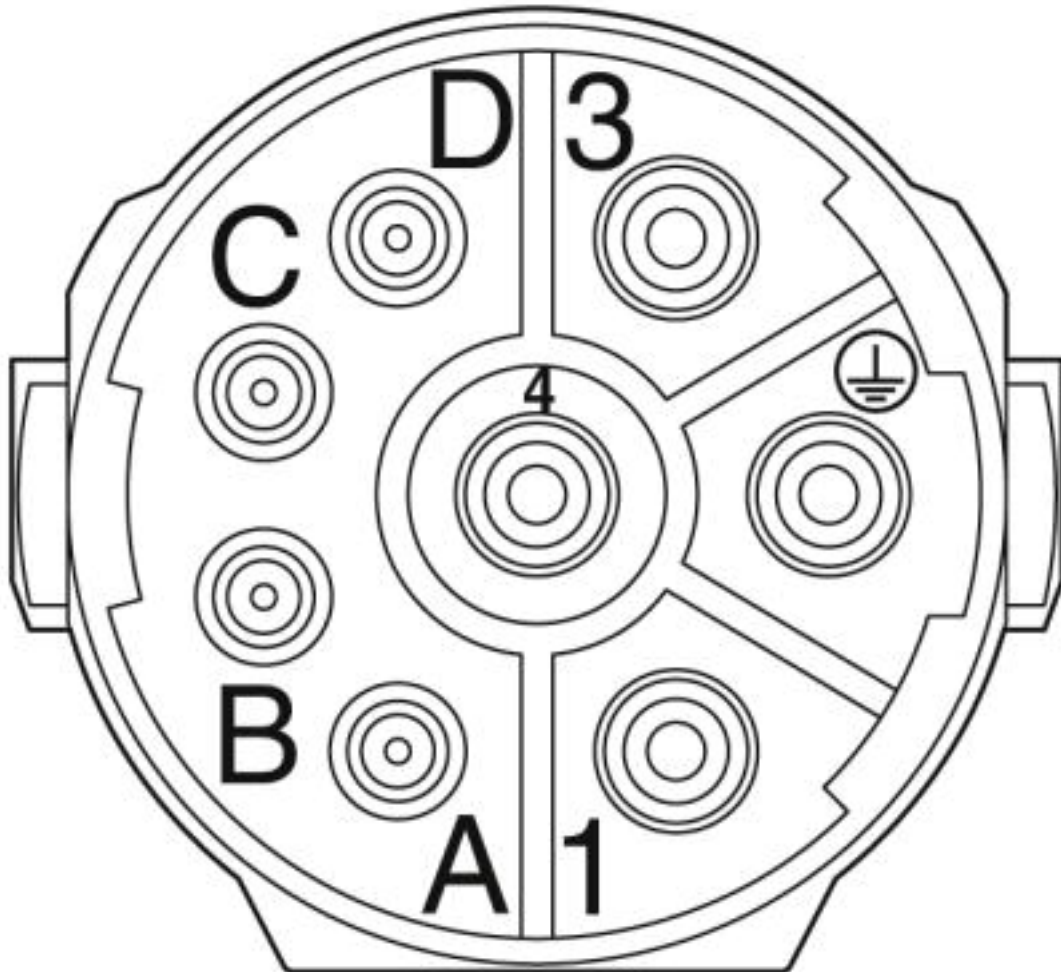
Dimensional drawing



Technical drawings can be found under Downloads

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Schematic diagram



Classifications

eCl@ss

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

ETIM

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

Accessories

Accessories

Crimp contact

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Accessories

Crimp contact - SF-20KP011 - 1050147



Crimp contact, turned, contact diameter: 2 mm, crimp range: 0.25 mm² ... 1 mm²

Crimp contact - SF-20KP012 - 1050205



Crimp contact, turned, contact diameter: 2 mm, crimp range: 1.5 mm² ... 2.5 mm²

Crimp contact - SF-20KP013 - 1050210



Crimp contact, turned, contact diameter: 2 mm, crimp range: 2.5 mm² ... 4 mm²

Crimp contact - ST-10KP010 - 1618255



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm² ... 0.25 mm²

Crimp contact - ST-10KP035 - 1618458



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.25 mm² ... 1 mm²

Mounting material

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Accessories

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Hook wrench - SF-Z0027 - 1607455



Hook wrench

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