

## Device connector, front mounting - CA-17P1N8A6L00 - 1624029

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Device connector for front wall, CA, straight, shielded: yes, for standard and SPEEDCON interlock, M23, No. of pos.: 17, type of contact: Pin, Crimp connection, Axial seal, Central fastening M20 x 1.5, can be positioned via a locking nut

The figure shows the 12-pos. product version with solder contacts

### Your advantages

- ✓ Safe use in the field, thanks to high degree of protection
- ✓ Connector for flexible on-site assembly
- ✓ Consistent EMC protection for reliable transmission of signals
- ✓ Crimping connection: vibration- and temperature-resistant assembly

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 055626 227375 |
| GTIN         | 4055626227375                                                                                           |

### Technical data

#### 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                                | Pin                                                       |
| Application                                     | Signal                                                    |
| Number of positions                             | 17                                                        |
| Direction of rotation                           | Standard                                                  |
| Contact diameter of signal contacts             | 1 mm                                                      |
| Litz wire cross section of signal contacts min. | 0.08 mm <sup>2</sup>                                      |
| Litz wire cross section of signal contacts max. | 1 mm <sup>2</sup>                                         |

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### Technical data

#### Data of the insulating body

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Nominal current per signal contact | 8 A                               |
| Note                               | for max. connection cross section |
| Rated voltage of signal contact    | 125 V                             |
| Rated surge voltage                | 1.5 kV                            |
| Overvoltage category               | II                                |
| Degree of pollution                | 3                                 |
| Note                               | for max. connection cross section |

#### Housing data

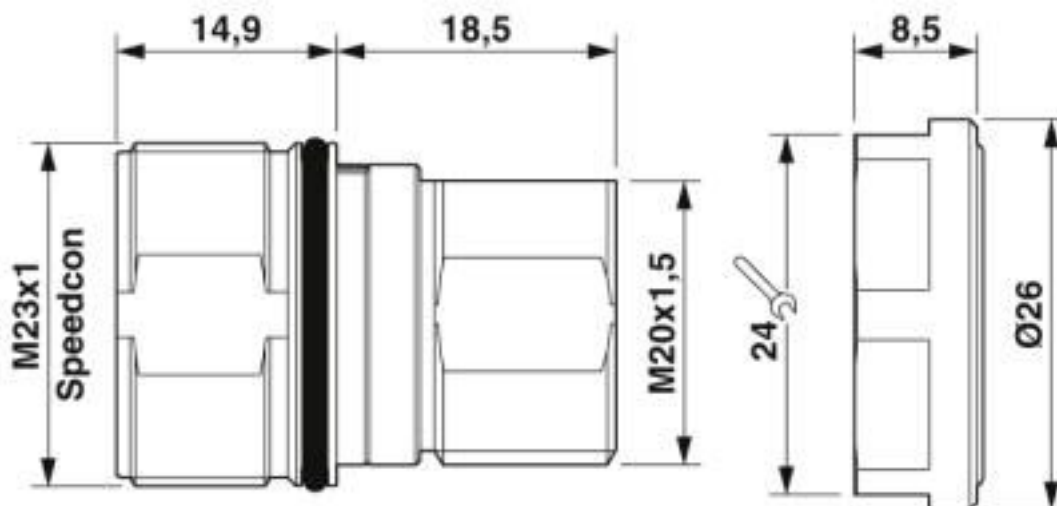
|                                        |                                                                      |
|----------------------------------------|----------------------------------------------------------------------|
| Housing material                       | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Type of locking                        | for standard and SPEEDCON interlock                                  |
| Degree of protection (when plugged in) | IP67                                                                 |
| Thread type                            | M23                                                                  |

#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50 years                                                      |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

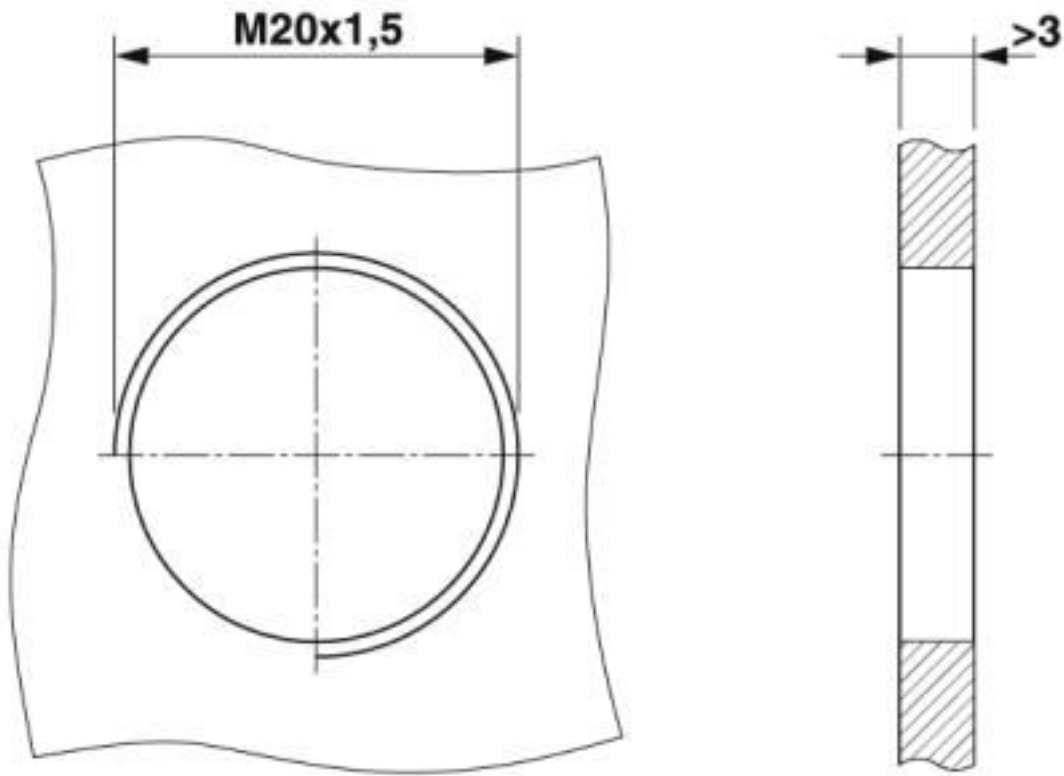
### Drawings

Dimensional drawing



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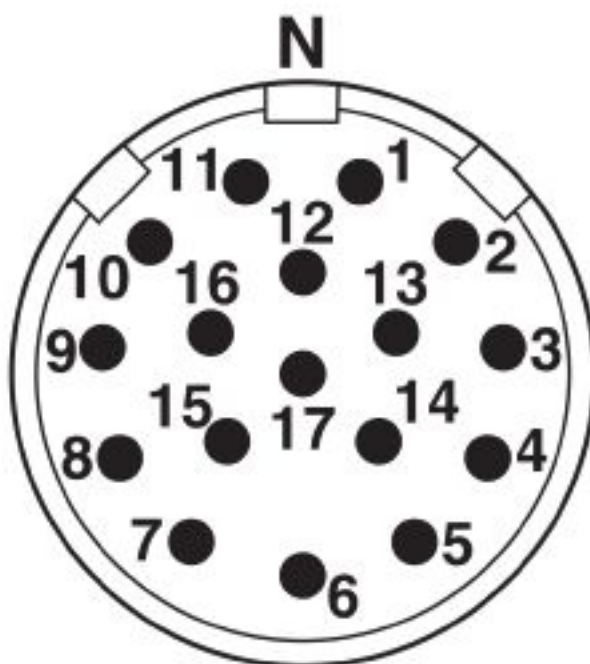
Dimensional drawing



Installation dimensions

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Schematic diagram



### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440109 |
| eCl@ss 4.0    | 27260700 |
| eCl@ss 4.1    | 27260700 |
| eCl@ss 5.0    | 27260700 |
| eCl@ss 5.1    | 27260700 |
| eCl@ss 6.0    | 27260700 |
| eCl@ss 7.0    | 27440102 |
| eCl@ss 8.0    | 27440102 |
| eCl@ss 9.0    | 27440103 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC002635 |
|----------|----------|

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 6.0 | EC002061 |
|----------|----------|

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 39121413 |
| UNSPSC 18.0 | 39121413 |
| UNSPSC 19.0 | 39121413 |
| UNSPSC 20.0 | 39121413 |
| UNSPSC 21.0 | 39121413 |

### Approvals

#### Approvals

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#### Approvals

#### EAC

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#### Ex Approvals

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#### Approval details

|     |                                                                                     |         |
|-----|-------------------------------------------------------------------------------------|---------|
| EAC |  | B.01687 |
|-----|-------------------------------------------------------------------------------------|---------|

### Accessories

#### Accessories

#### Crimp contact

Crimp contact - RC-12P2000 - 1597862



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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### Accessories

Crimp contact - RC-11P2000 - 1596770



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm<sup>2</sup> ... 0.22 mm<sup>2</sup>

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Crimp contact - RC-1KP2000 - 1602996



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm<sup>2</sup> ... 1 mm<sup>2</sup>

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Crimp contact - RC-22P2400 - 1603325



Crimp contact, rolled, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.22 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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Crimp contact - RC-22P2000 - 1603321



Crimp contact, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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Crimp contact - RC-22P2300 - 1603324



Crimp contact, rolled, Taped articles, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.22 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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### Mounting material

## Device connector, front mounting - CA-17P1N8A6L00 - 1624029

### Accessories

Contact removal tool - CA-Z0001 - 1620699



Unlocking tool for contact carriers for snapping in the M23 signal device connectors

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Color-coding - RF-Z0017 - 1620624



Color-coding, color: green

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Color-coding - RF-Z0018 - 1620625



Color-coding, color: orange

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Color-coding - RF-Z0019 - 1620626



Color-coding, color: anthracite

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### Protective cover

Protective cap - SF-Z0019 - 1607449



Plastic protection cap, with eye, IP40 for connectors with M23 external thread, RF, SF series

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### Accessories

Protective cap - RC-Z2059 - 1604225



Plastic protection cap for connectors with M23 external thread

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Plastic anti-static dust protection cap - RC-Z2469 - 1611797



Plastic protection cap, antistatic, for RF, SF, CA, RC series connectors, with M23 external thread

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Metal protective cap - RC-Z2104 - 1604260



Metal protection cap for signal connectors with M23 external thread

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Metal protective cap - RC-Z2068 - 1604236



Metal protection cap with steel wire for signal connectors with M23 external thread

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