

Device connector, front mounting - CA-12P2N122S00 - 1621433

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>)



Device connector for front wall, CA, straight, shielded: yes, for standard and SPEEDCON interlock, M23, No. of pos.: 12, type of contact: Pin, Solder connection, Flat gasket, 4x Ø 3.2, flange dimensions: 25 mm x 25 mm

The figure shows the product version with standard contact chamber numbering

Key Commercial Data

| | |
|----------------------|---------------|
| Packing unit | 1 |
| GTIN | |
| GTIN | 4046356932509 |
| Custom tariff number | 85366990 |

Technical data

Data of the insulating body

| | |
|--|-------------------|
| Coding | N |
| Insulator material | PBT |
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Insertion/withdrawal cycles mechanical | 100 |
| Contact connection method | Solder connection |
| Type of contacts | Pin |
| Application | Signal |
| Number of positions | 12 |
| Direction of rotation | Counter direction |
| Contact diameter of power contacts | 1 mm |

Device connector, front mounting - CA-12P2N122S00 - 1621433

Technical data

Data of the insulating body

| | |
|--|----------------------|
| Litz wire cross section of power contacts min. | 0.08 mm ² |
| Litz wire cross section of power contacts max. | 1 mm ² |
| Rated current for power contacts | 8 A |
| Rated voltage of power contact | 150 V |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Overvoltage category | II |
| Degree of pollution | 3 |

Housing data

| | |
|--|-------------------------------------|
| Housing material | GD-Zn |
| Flange dimensions | 25 mm x 25 mm |
| Type of locking | for standard and SPEEDCON interlock |
| Degree of protection (when plugged in) | IP67 |
| Thread type | M23 |

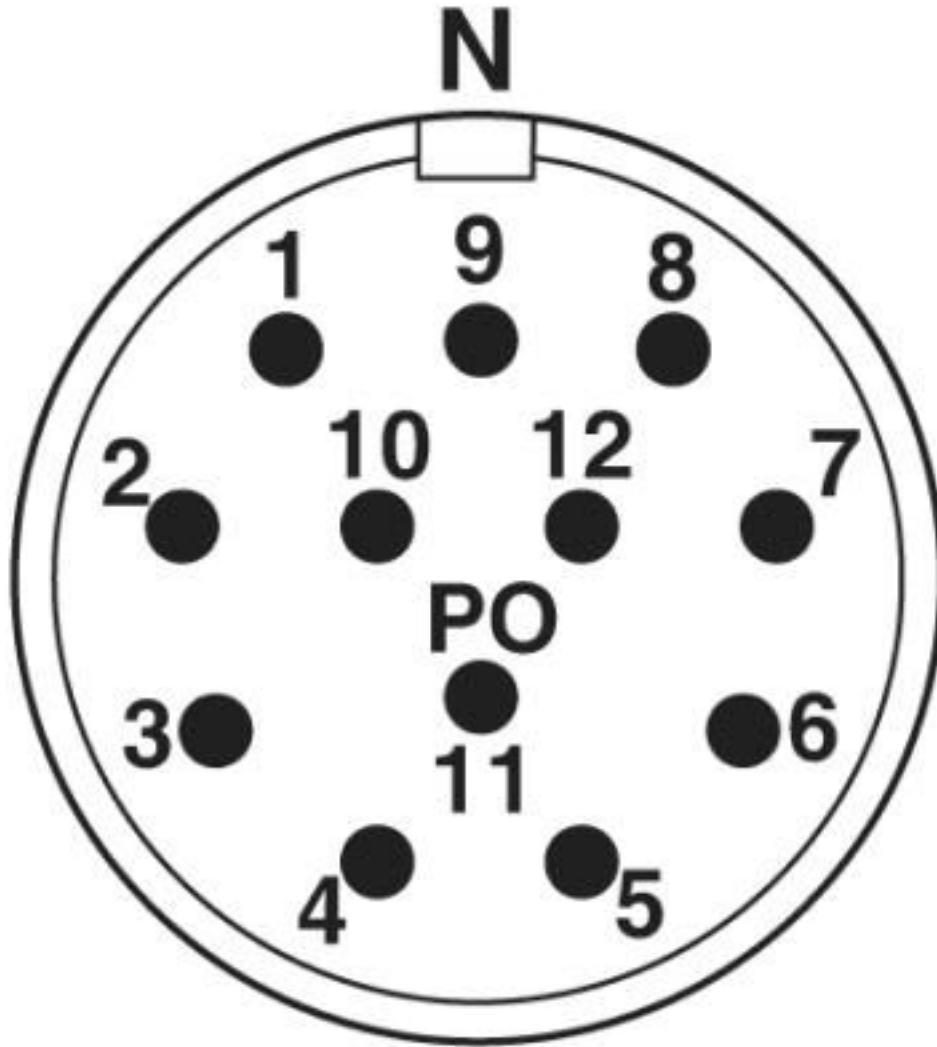
Environmental Product Compliance

| | |
|------------|---|
| 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

Device connector, front mounting - CA-12P2N122S00 - 1621433

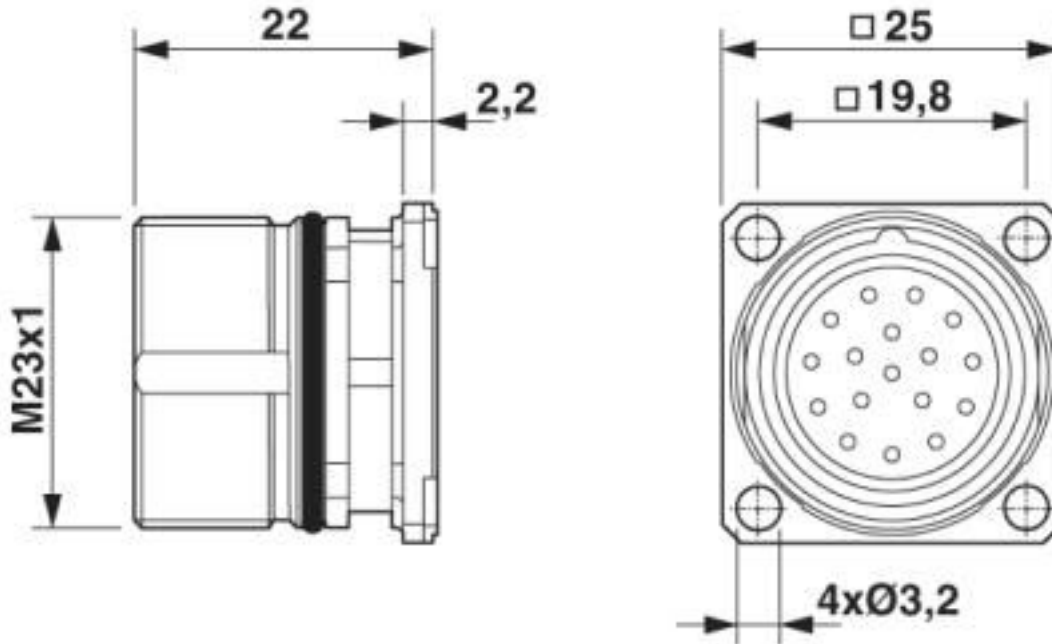
Schematic diagram



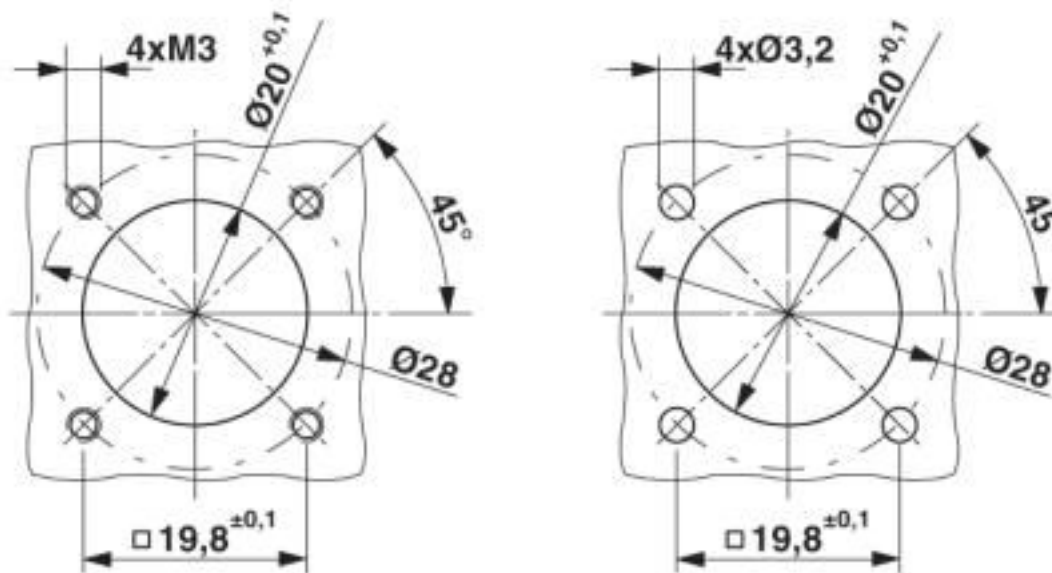
Contact chamber numbering (view of plug-in side), pin counter direction

Device connector, front mounting - CA-12P2N122S00 - 1621433

Dimensional drawing



Dimensional drawing



Installation dimensions

Device connector, front mounting - CA-12P2N122S00 - 1621433

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27371392 |
| eCl@ss 4.0 | 27378000 |
| eCl@ss 4.1 | 27378000 |
| eCl@ss 5.0 | 27379100 |
| eCl@ss 5.1 | 27379100 |
| eCl@ss 6.0 | 27379200 |
| eCl@ss 7.0 | 27379201 |
| eCl@ss 8.0 | 27379201 |
| eCl@ss 9.0 | 27379201 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC002498 |
| ETIM 5.0 | EC002498 |
| ETIM 6.0 | EC002498 |
| ETIM 7.0 | EC002498 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39121421 |
| UNSPSC 18.0 | 39121421 |
| UNSPSC 19.0 | 39121421 |
| UNSPSC 20.0 | 39121421 |
| UNSPSC 21.0 | 39121421 |

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

Device connector, front mounting - CA-12P2N122S00 - 1621433

Approvals

| | | | |
|----------------------------|--|---|------------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E335019-20141210 |
| Nominal voltage UN | | 150 V | |
| Nominal current IN | | 8 A | |
| mm ² /AWG/kcmil | | 18 | |

| | | | |
|----------------------------|--|---|------------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E335019-20141210 |
| Nominal voltage UN | | 150 V | |
| Nominal current IN | | 6 A | |
| mm ² /AWG/kcmil | | 18 | |

| | | |
|-----|--|---------|
| EAC | | B.01742 |
|-----|--|---------|

| | |
|------------------|--|
| cULus Recognized | |
|------------------|--|

Accessories

Accessories

Mounting material

Color-coding - CA-Z0120 - 1620704

Color-coding, color: green



Device connector, front mounting - CA-12P2N122S00 - 1621433

Accessories

Color-coding - CA-Z0121 - 1620705



Color-coding, color: orange

Color-coding - CA-Z0122 - 1620706



Color-coding, color: black

Contact removal tool - CA-Z0001 - 1620699



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

Protective cover

Protective cap - SF-Z0019 - 1607449



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

Protective cap - RC-Z2059 - 1604225



Plastic protection cap for connectors with M23 external thread

Device connector, front mounting - CA-12P2N122S00 - 1621433

Accessories

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



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

Metal protective cap - RC-Z2104 - 1604260



Metal protection cap for signal connectors with M23 external thread

Metal protective cap - RC-Z2068 - 1604236



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