

CA-12S1NA22S00 - Device connector front mounting



1619925

<https://www.phoenixcontact.com/us/products/1619925>

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 documentation. Our general terms of use for downloads are valid.



M23, Device connector front mounting, application: Signal, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Socket, Solder-in connection, Flat gasket, flange dimensions: 25 mm x 25 mm, coding: N. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

Your advantages

- Safe use in the field, thanks to high degree of protection
- Consistent EMC protection for reliable transmission of signals
- Easy device integration: solder-in contacts available in different lengths

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1619925 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB31 |
| Product key | ABRAEL |
| GTIN | 4046356820455 |
| Weight per piece (including packing) | 30.3 g |
| Weight per piece (excluding packing) | 23.659 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

1619925

<https://www.phoenixcontact.com/us/products/1619925>

Technical data

Product properties

| | |
|--------------|-----------------------------------|
| Product type | Circular connectors (device side) |
|--------------|-----------------------------------|

Dimensions

| | |
|--------------------------|-------|
| Length of the solder pin | 10 mm |
| | 10 mm |

Connector

Insulating body

| | |
|---|---|
| Coding | N |
| Material (Insulating body) | PBT |
| Material (Contact) | CuZn |
| Material (Contact surface) | Ni/Au |
| Connection method | Solder-in connection |
| Contact switching type | Socket |
| Application | Signal |
| Number of positions | 12 |
| Direction of rotation | Standard |
| Connection profile | 12 |
| Number (Contact group 1) | 12 |
| Contact diameter (Contact group 1) | 1 mm |
| Rated current Contact (Contact group 1) | 8 A (for max. connection cross section) |
| Rated voltage Contact (Contact group 1) | 48 V AC |
| | 74 V DC |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |

Housing

| | |
|-----------------------------------|--|
| Type | Flange housing |
| Thread type | M23 |
| Design | straight |
| Type of locking | for standard and SPEEDCON interlock |
| Pg screw connection | none |
| Mounting type | Front mounting/square flange (4x Ø 3.2 mm) |
| Flange dimensions | 25 mm x 25 mm |
| Material (Housing) | GD-Zn |
| Degree of protection (plugged in) | IP67 |
| Seal for the device | Flat gasket |

Environmental and real-life conditions

CA-12S1NA22S00 - Device connector front mounting



1619925

<https://www.phoenixcontact.com/us/products/1619925>

Ambient conditions

Ambient temperature (operation)

-40 °C ... 125 °C

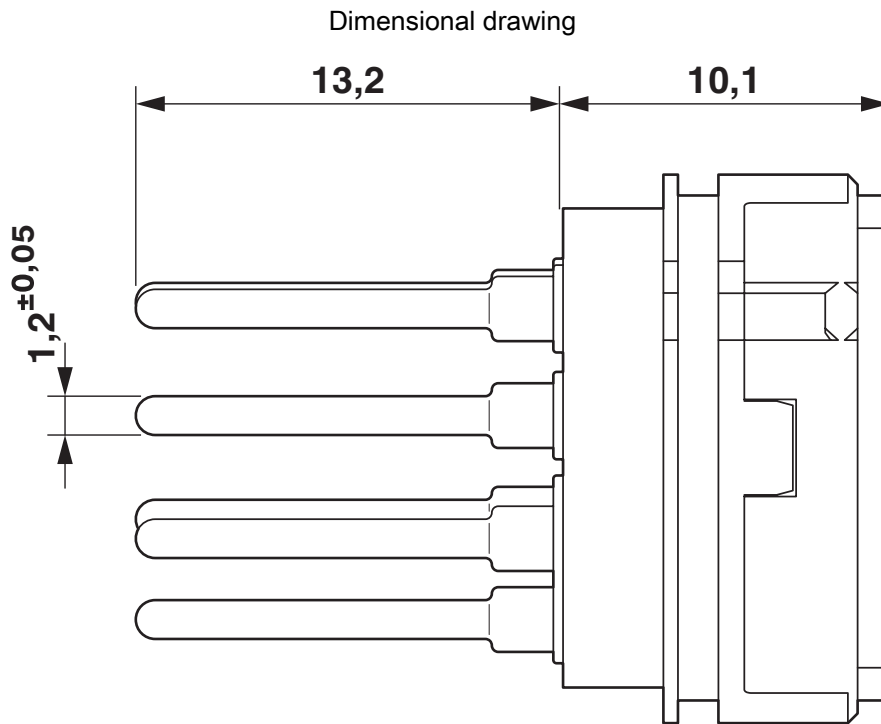
CA-12S1NA22S00 - Device connector front mounting



1619925

<https://www.phoenixcontact.com/us/products/1619925>

Drawings



Dimensional drawing

Schematic diagram



Connector pin assignment

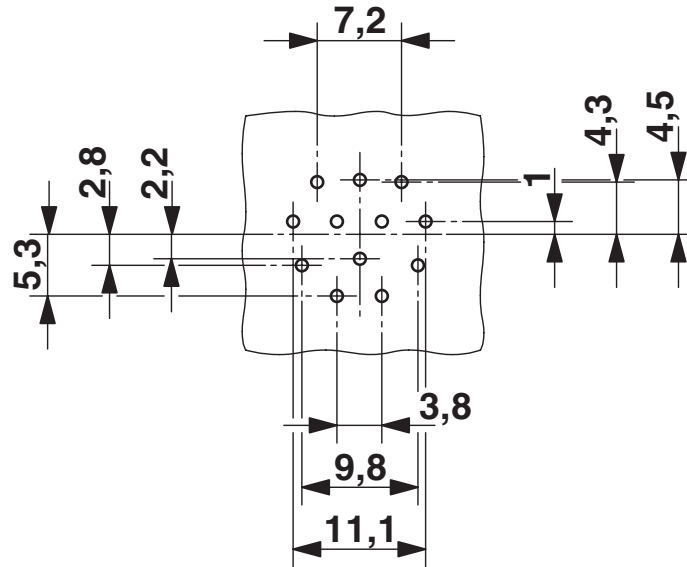
CA-12S1NA22S00 - Device connector front mounting



1619925

<https://www.phoenixcontact.com/us/products/1619925>

Drilling plan/solder pad geometry



12-pos.

CA-12S1NA22S00 - Device connector front mounting





1619925

<https://www.phoenixcontact.com/us/products/1619925>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619925>

|  cUL Recognized Approval ID: E335019-20141210 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 48 V | 6 A | 18 | - |

|  UL Recognized Approval ID: E335019-20141210 | | | | |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 48 V | 8 A | 18 | - |

1619925

<https://www.phoenixcontact.com/us/products/1619925>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440109 |
| ECLASS-15.0 | 27440109 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC003569 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

1619925

<https://www.phoenixcontact.com/us/products/1619925>

Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | 5c598de1-991e-4a1a-835d-ffa91b56b8e4 |

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com