

CA-17P1NC22S00 - Device connector front mounting



1619904

<https://www.phoenixcontact.com/us/products/1619904>

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.



The figure shows the 12-pos.
product version

M23, Device connector front mounting, application: Signal, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Pin, 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	1619904
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEL
GTIN	4046356820622
Weight per piece (including packing)	35.1 g
Weight per piece (excluding packing)	28.486 g
Customs tariff number	85366990
Country of origin	DE

1619904

<https://www.phoenixcontact.com/us/products/1619904>

Technical data

Product properties

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

Dimensions

Length of the solder pin	17.5 mm
	17.5 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	Pin
Application	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Number (Contact group 1)	17
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-17P1NC22S00 - Device connector front mounting



1619904

<https://www.phoenixcontact.com/us/products/1619904>

Ambient conditions

Ambient temperature (operation)

-40 °C ... 125 °C

CA-17P1NC22S00 - Device connector front mounting

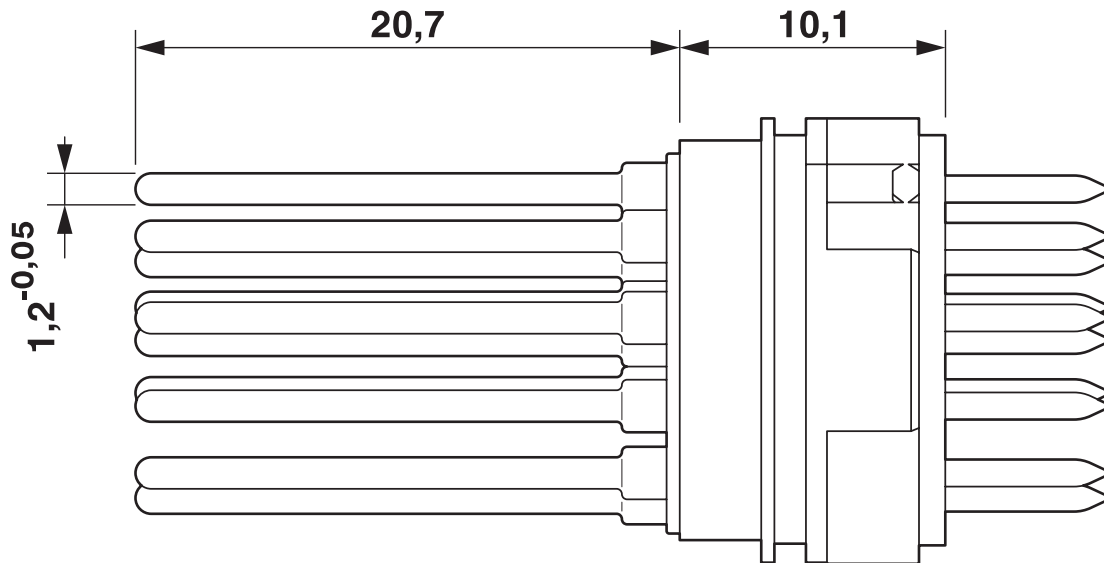


1619904

<https://www.phoenixcontact.com/us/products/1619904>

Drawings

Dimensional drawing



Technical drawings can be found under Downloads

Schematic diagram



Connector pin assignment

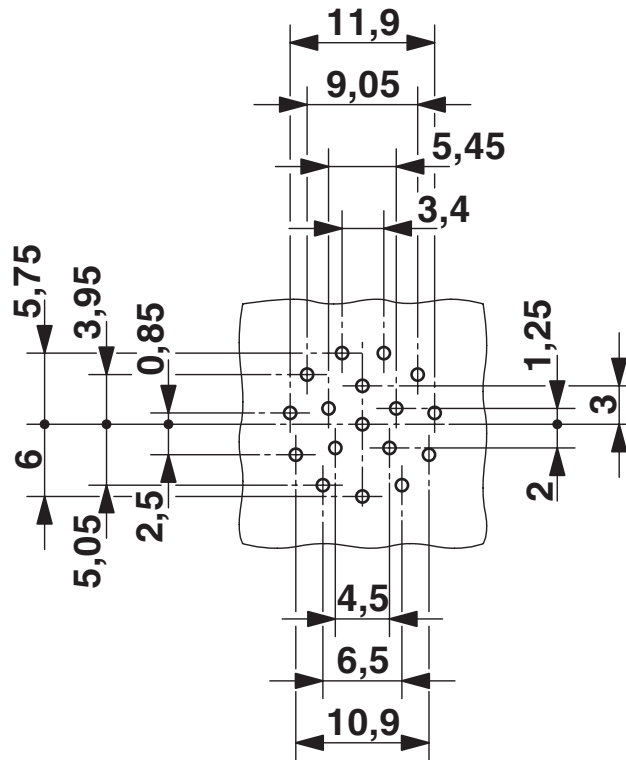
CA-17P1NC22S00 - Device connector front mounting



1619904

<https://www.phoenixcontact.com/us/products/1619904>

Drilling plan/solder pad geometry



17-pos.

CA-17P1NC22S00 - Device connector front mounting





1619904

<https://www.phoenixcontact.com/us/products/1619904>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619904>

 cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	48 V	5 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	-

1619904

<https://www.phoenixcontact.com/us/products/1619904>

Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

ETIM

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

UNSPSC

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

1619904

<https://www.phoenixcontact.com/us/products/1619904>

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	3ac0143a-0875-4dfd-acb6-2cc41367f21c

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