

1619913  
<https://www.phoenixcontact.com/us/products/1619913>

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M23, Device connector front mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Pin, Solder-in connection, Flat gasket, 4x Ø 3.2, flange dimensions: 25 mm x 25 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243891

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	1619913
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEL
Catalog page	Page 330 (C-2-2013)
GTIN	4046356820547
Weight per piece (including packing)	33.8 g
Weight per piece (excluding packing)	31.2 g
Customs tariff number	85366990
Country of origin	DE

## Technical data

## Product properties

Product type	Circular connectors (device side)
Data management status	
Article revision	07

## Dimensions

Dimensional drawing	
Length of the solder pin	17.5 mm
	17.5 mm

## Connector

Insulating body

Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder-in connection
Contact switching type	Pin
Application	Signal
Number of positions	7
Direction of rotation	Standard
Connection profile	7
Contact diameter	2 mm
Rated current	20 A
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

## Housing

Housing material	GD-Zn
Flange dimensions	25 mm x 25 mm
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

# CA-07P1NC22S00 - Device connector front mounting



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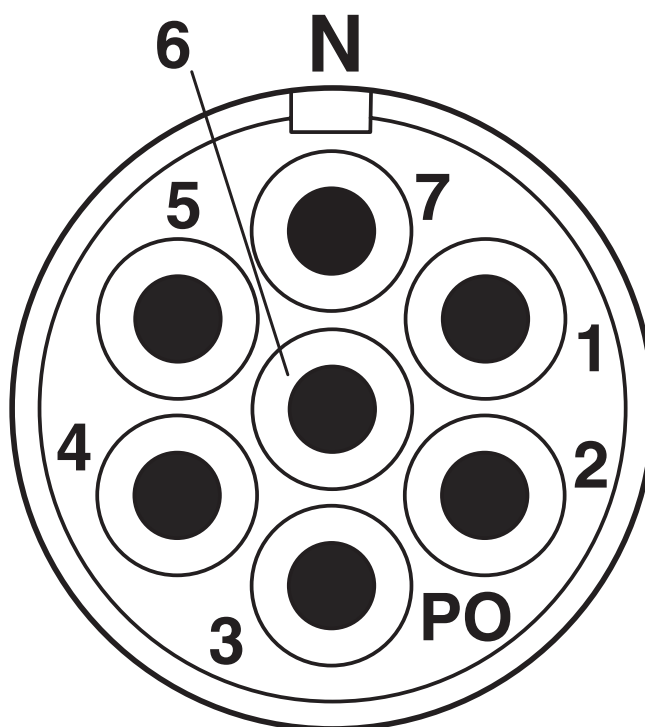
## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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## Drawings

Schematic diagram

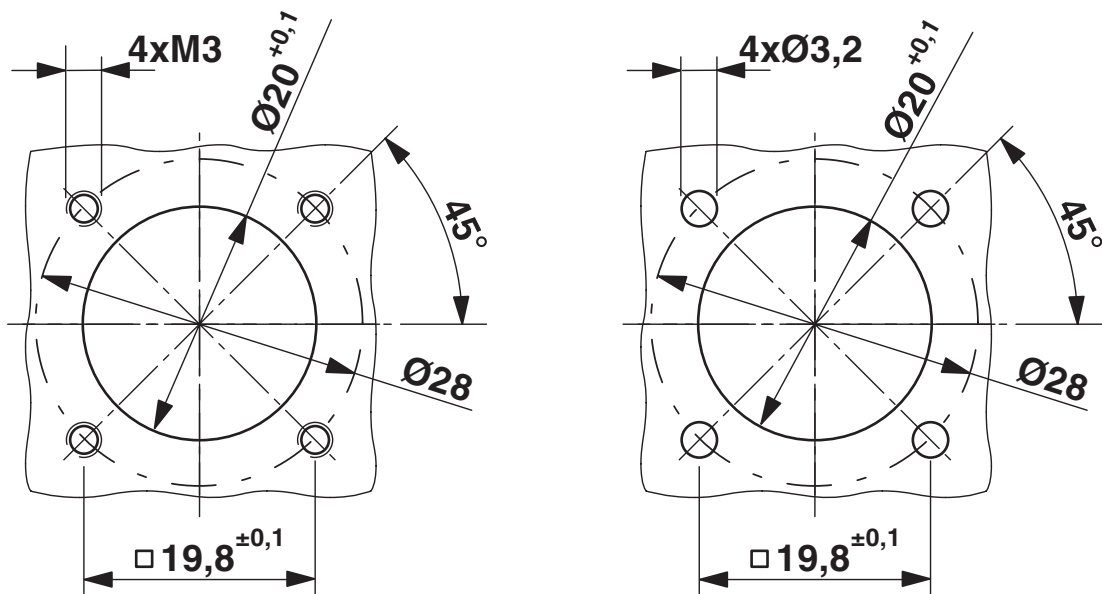


Connector pin assignment

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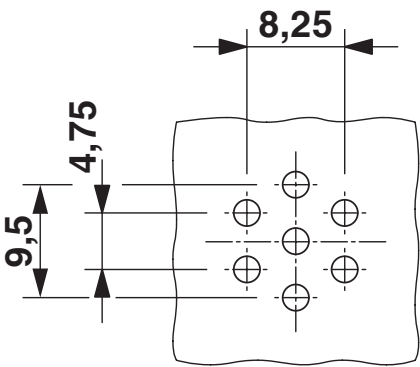
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Dimensional drawing



Installation dimensions


Drilling plan/solder pad geometry




7-pos.

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619913>

<div> <b>cUL Recognized</b> Approval ID: E335019-20141210</div>				
	Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
	48 V	10 A	14 - 14	-

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<b>cULus Recognized</b>				
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## Classifications

### ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

### ETIM

ETIM 9.0	EC002635
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### UNSPSC

UNSPSC 21.0	39121400
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## 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	9233c738-0b0a-41e3-bfd4-e77bf3be3eeb

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