

# CA-17P1N222S00 - Device connector front mounting



1619932

<https://www.phoenixcontact.com/us/products/1619932>

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M23, Device connector front mounting, 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, 4x Ø 3.2, flange dimensions: 25 mm x 25 mm, coding: N

## 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	1619932
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	4046356820387
Weight per piece (including packing)	29.4 g
Weight per piece (excluding packing)	29.4 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connectors (device side)
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### Dimensions

Length of the solder pin	3.5 mm
	3.5 mm

### Connector

#### Insulating body

Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Connection method	Solder-in connection
Contact switching type	Pin
Application	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Contact diameter	1 mm
<b>Power contacts</b>	
Rated current	8 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

### Environmental and real-life conditions

#### Ambient conditions

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

Schematic diagram



Connector pin assignment

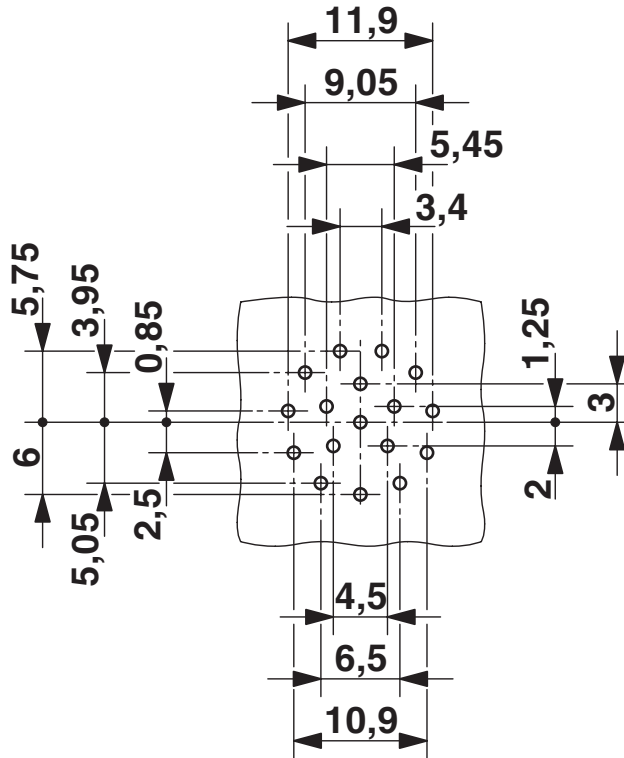
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Drilling plan/solder pad geometry



17-pos.

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619932>

 <b>cUL Recognized</b> Approval ID: E335019-20141210				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	48 V	5 A	- 18	-

 <b>UL Recognized</b> Approval ID: E335019-20141210				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
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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

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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