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The figure shows the 12-pos.
product version

M23, Device connector front mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 16, 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	1619934
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	ABRAEL
Product key	ABRAEL
GTIN	4046356820363
Weight per piece (including packing)	25,591 g
Weight per piece (excluding packing)	25,469 g
Customs tariff number	85366990
Country of origin	DE

CA-16P1N222S00 - Device connector front mounting



1619934

<https://www.phoenixcontact.com/nl/products/1619934>

Technical data

Dimensions

Length of the solder pin	3.5 mm
	3.5 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	16
Direction of rotation	Standard
Connection profile	16
Number Contact (Contact group 1)	16
Diameter Contact (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

Ambient conditions

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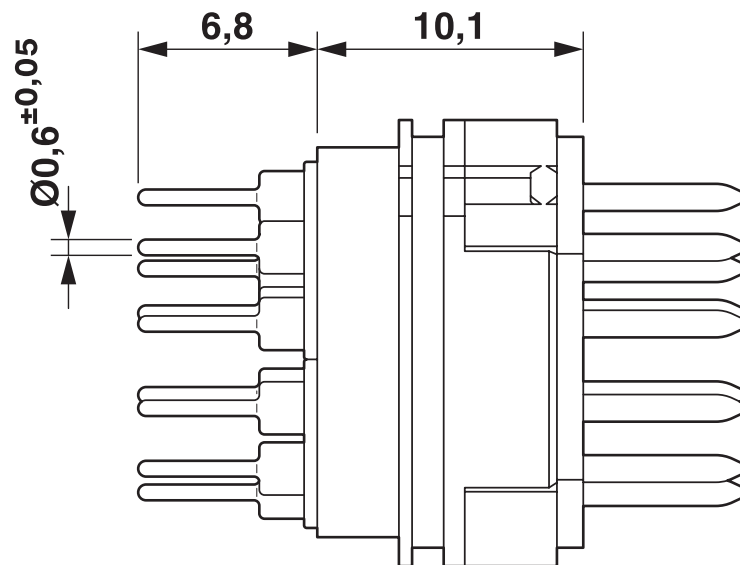


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Drawings

Dimensional drawing

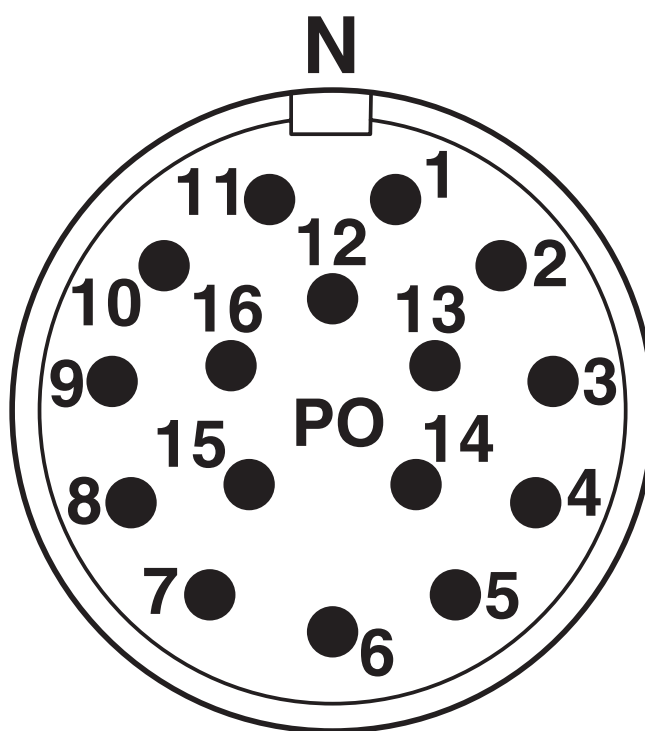


Dimensional drawing

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Schematic diagram



Connector pin assignment

Technical drawing of a circular plate with a grid of holes. The plate has a diameter of 11,4. A central grid of 16 holes (4x4) is shown. Dimensions for hole positions and plate features are provided in millimeters.

Dimensions:

- Overall diameter: 11,4
- Distance from center to the first hole row: 5,1
- Distance between hole rows: 3,4
- Distance from center to the last hole row: 5,1
- Distance from the first hole column to the center: 6,1
- Distance between hole columns: 3,4
- Distance from the last hole column to the center: 6,1
- Distance from the center to the edge of the plate: 5,7
- Distance from the center to the edge of the plate: 5,5
- Distance from the center to the edge of the plate: 4,8
- Distance from the center to the edge of the plate: 2,5
- Distance from the center to the edge of the plate: 3,6
- Distance from the center to the edge of the plate: 2
- Distance from the center to the edge of the plate: 2,8
- Distance from the center to the edge of the plate: 1,1
- Distance from the center to the edge of the plate: 0,7

16-pos.

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/nl/products/1619934>

 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	-

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Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

ETIM

ETIM 10.0	EC003569
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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	11077798-af9c-4566-8e9c-db970776ef0a