

CA-16P1N222S00 - Device connector front mounting



1619934

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

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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, 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	1619934
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAEL
GTIN	4046356820363
Weight per piece (including packing)	25.591 g
Weight per piece (excluding packing)	25.591 g
Customs tariff number	85366990
Country of origin	DE

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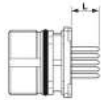
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Technical data

Product properties

Product type	Circular connectors (device side)
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Dimensions

Dimensional drawing	
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	16
Direction of rotation	Standard
Connection profile	16
Contact diameter Power contacts	1 mm
Rated current Power contacts	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

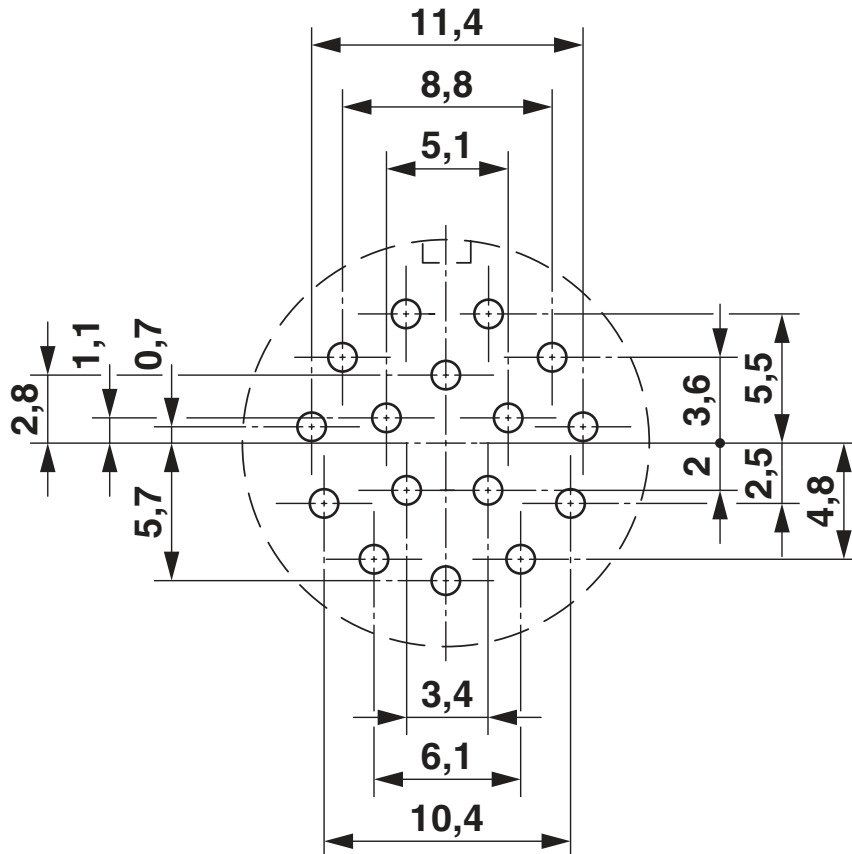
Environmental and real-life conditions

Ambient conditions

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

Drilling plan/solder pad geometry



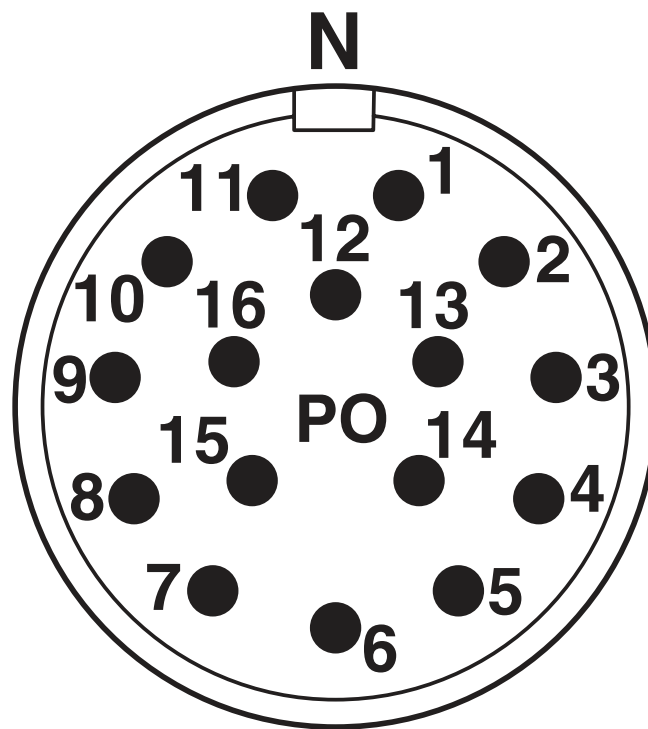
16-pos.

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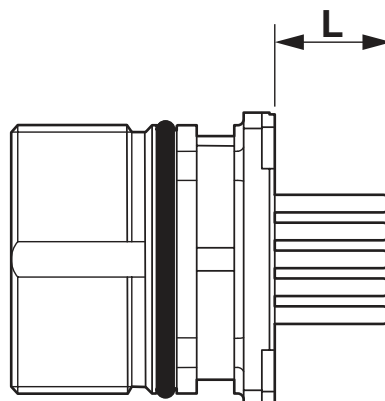
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Schematic diagram



Dimensional drawing



free solder pin length L=3,5 mm

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Approvals

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

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

cULus Recognized				
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Classifications

ECLASS

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

ETIM

ETIM 8.0	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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Accessories

SF-Z0019 - Protective cap

1607449

<https://www.phoenixcontact.com/pc/products/1607449>



Plastic protection cap, with eye, IP40 for connectors with M23 external thread, RF, SF series

RC-Z2059 - Protective cap

1604225

<https://www.phoenixcontact.com/pc/products/1604225>



Plastic protection cap for connectors with M23 external thread

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RC-Z2469 - Protective cap

1611797

<https://www.phoenixcontact.com/pc/products/1611797>



Plastic protection cap, antistatic, for RF, SF, CA, RC series connectors, with M23 external thread

RC-Z2104 - Metal protective cap

1604260

<https://www.phoenixcontact.com/pc/products/1604260>



Metal protective cap, M23, degree of protection: IP67, series: RC, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241739

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RC-Z2068 - Metal protective cap

1604236

<https://www.phoenixcontact.com/pc/products/1604236>

Metal protective cap, M23, degree of protection: IP67, series: RC, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241735



CA-Z0120 - Color-coding

1620704

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Color-coding, color: green



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CA-Z0121 - Color-coding

1620705

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Color-coding, color: orange



CA-Z0122 - Color-coding

1620706

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Color-coding, color: black



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CA-Z0001 - Contact removal tool

1620699

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Unlocking tool for contact carriers for snapping in the M23 signal device connectors

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