CA-16P1N126Z00 - Device connector front mounting

1619886

https://www.phoenixcontact.com/us/products/1619886

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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 connection, Axial seal, Central fastening Pg13,5, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1243873

Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- Solder connection: proven connection technology for various litz wires

Commercial data

Item number	1619886
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB33
Product key	ABRAEL
GTIN	4046356820806
Weight per piece (including packing)	29.3 g
Weight per piece (excluding packing)	29.3 g
Customs tariff number	85366990
Country of origin	DE

1619886

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Technical data

Product properties

Product type	Circular connectors (device side)

Connector

Insulating body

|	
Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact switching type	Pin
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts max.	1 mm²
Nominal current per signal contact	8 A

Housing

Order information:	If necessary, order locking nut separately
Housing material	CuZn
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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1619886

https://www.phoenixcontact.com/us/products/1619886

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Drawings

Schematic diagram
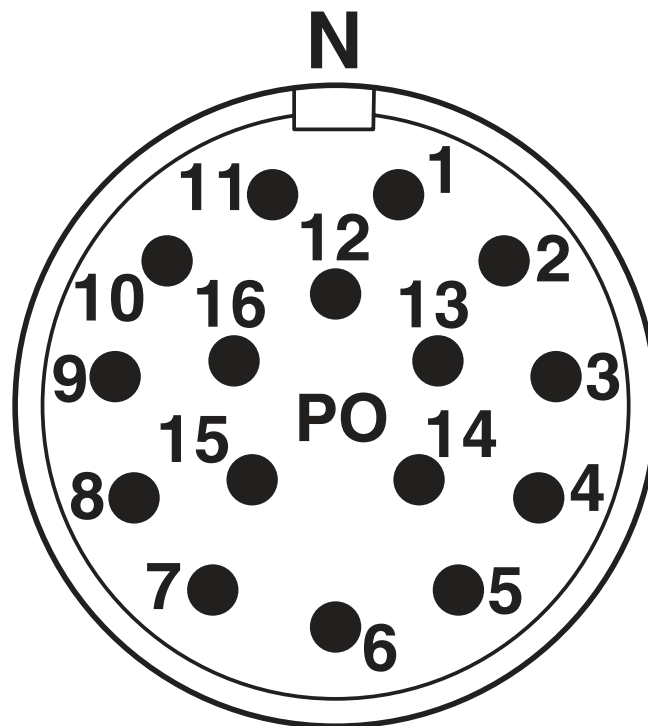
Dimensional drawing
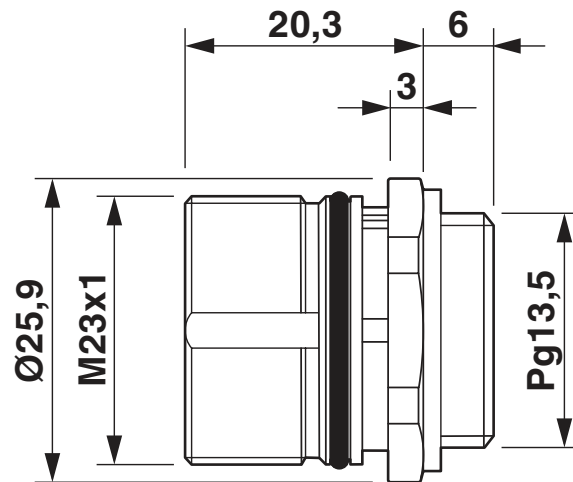
Dimensional drawing
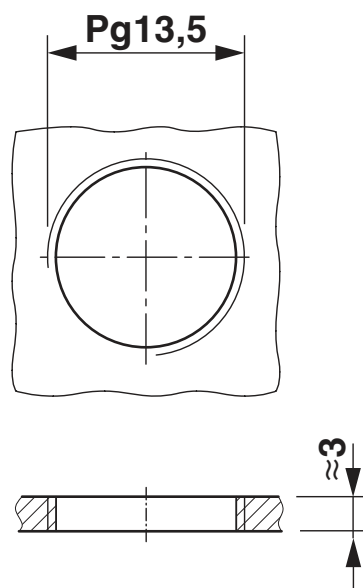
Installation dimensions

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1619886

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

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

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

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

RC-Z2059 - Protective cap

Plastic protection cap for connectors with M23 external thread

CA-16P1N126Z00 - Device connector front mounting

RC-Z2469 - Protective cap

1611797

https://www.phoenixcontact.com/us/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/us/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

CA-16P1N126Z00 - Device connector front mounting

1619886

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RC-Z2068 - Metal protective cap

1604236

https://www.phoenixcontact.com/us/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-Z0110 - Color-coding

1620700

https://www.phoenixcontact.com/us/products/1620700

Color-coding, color: green

CA-16P1N126Z00 - Device connector front mounting

1619886

https://www.phoenixcontact.com/us/products/1619886

CA-Z0111 - Color-coding

1620701

https://www.phoenixcontact.com/us/products/1620701

Color-coding, color: orange

CA-Z0112 - Color-coding

1620702

https://www.phoenixcontact.com/us/products/1620702

Color-coding, color: black

CA-16P1N126Z00 - Device connector front mounting

1619886

https://www.phoenixcontact.com/us/products/1619886

CA-Z0001 - Contact removal tool

1620699

https://www.phoenixcontact.com/us/products/1620699

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

SACC-E-MU-PG13,5 - Flat nut

1539143

https://www.phoenixcontact.com/us/products/1539143

Flat nut, Screw mounting, Pg13.5, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb <0.1%)