

CA-16P1N128008S - Cable connector



1619486
<https://www.phoenixcontact.com/us/products/1619486>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



M23, Cable connector, series: CA, straight, shielded: yes, SPEEDCON, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Pin, Solder connection, cable diameter range: 10 mm ... 14.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243601

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
- Reduced connection time with SPEEDCON fast locking system
- Solder connection: proven connection technology for various litz wires

Commercial data

Item number	1619486
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEB
GTIN	4046356823647
Weight per piece (including packing)	98.7 g
Weight per piece (excluding packing)	98.7 g
Customs tariff number	85366990
Country of origin	DE

CA-16P1N128008S - Cable connector



1619486
<https://www.phoenixcontact.com/us/products/1619486>

Technical data

Product properties

Product type	Circular connector (cable-side)
Data management status	
Article revision	07

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	1 mm
Litz wire cross-section	1 mm²
Nominal current per signal contact	8 A

Housing	
Housing material	CuZn, GD-Zn
Type of locking	SPEEDCON
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal	
External cable diameter	10 mm ... 14.5 mm
Seal material	NBR

Environmental and real-life conditions

Ambient conditions

CA-16P1N128008S - Cable connector



1619486

<https://www.phoenixcontact.com/us/products/1619486>

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

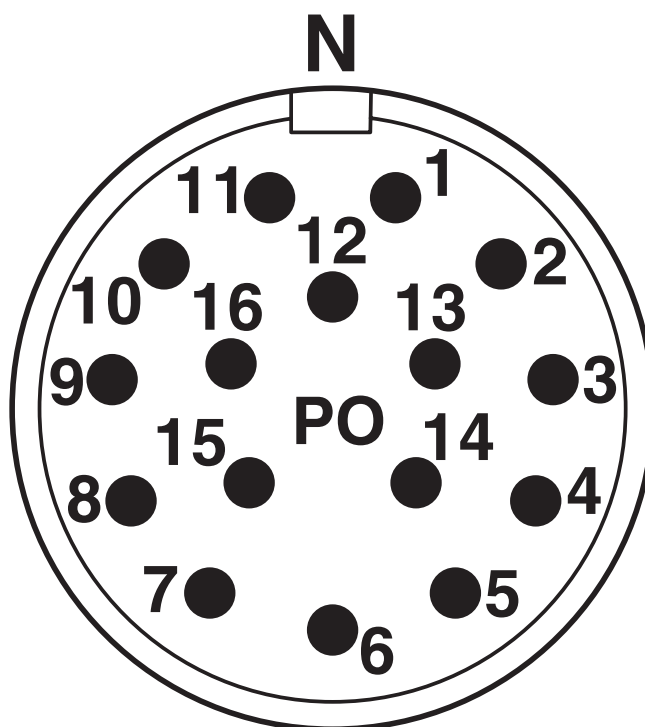
CA-16P1N128008S - Cable connector

1619486

<https://www.phoenixcontact.com/us/products/1619486>

Drawings

Schematic diagram



Connector pin assignment

CA-16P1N128008S - Cable connector



1619486

<https://www.phoenixcontact.com/us/products/1619486>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619486>

 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 - 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 - 18	-

cULus Recognized				
-------------------------	--	--	--	--

CA-16P1N128008S - Cable connector



1619486

<https://www.phoenixcontact.com/us/products/1619486>

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002635
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

CA-16P1N128008S - Cable connector



1619486

<https://www.phoenixcontact.com/us/products/1619486>

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	f0c1e96d-d965-454e-bc63-9f0db859d9df

CA-16P1N128008S - Cable connector

1619486

<https://www.phoenixcontact.com/us/products/1619486>



Accessories

SF-Z0028 - Torque screwdriver

1607456

<https://www.phoenixcontact.com/us/products/1607456>

Torque screwdriver, series: RC, UC, SH, SF



SF-Z0027 - Hook wrench

1607455

<https://www.phoenixcontact.com/us/products/1607455>

Hook wrench, series: RC, UC, RF, SF



CA-16P1N128008S - Cable connector



1619486

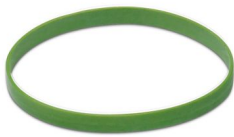
<https://www.phoenixcontact.com/us/products/1619486>

RF-Z0014 - Color coding

1620588

<https://www.phoenixcontact.com/us/products/1620588>

Color coding, color: green



RF-Z0015 - Color coding

1620592

<https://www.phoenixcontact.com/us/products/1620592>

Color coding, color: orange



CA-16P1N128008S - Cable connector

1619486

<https://www.phoenixcontact.com/us/products/1619486>



RF-Z0016 - Color coding

1620593

<https://www.phoenixcontact.com/us/products/1620593>

Color coding, color: black



RF-Z0003 - Square mounting flange

1607905

<https://www.phoenixcontact.com/us/products/1607905>



Square mounting flange, Axial seal, 4xM3, flange dimensions: 35 mm x 35 mm, series: RF, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1242369

CA-16P1N128008S - Cable connector

1619486

<https://www.phoenixcontact.com/us/products/1619486>



CA-Z0077 - Metal protective cap

1627224

<https://www.phoenixcontact.com/us/products/1627224>



Metal protective cap, degree of protection: IP67, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1245447

PROT-M23-SG-IT-IP20 - Plastic protective cap

1577206

<https://www.phoenixcontact.com/us/products/1577206>



Plastic protective cap, M23, degree of protection: IP20, series: CA, RC, RF, UC, RM

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com