

CA-17P1N8A8008 - Cable connector



1619636
<https://www.phoenixcontact.com/gb/products/1619636>

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M23, Cable connector, series: CA, straight, shielded: yes, Screw locking mechanism, No. of pos. : 17, Direction of rotation: Standard, contact connection type: Pin, Crimp 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.: 1243725

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
- Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1619636
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABRAEA
Product key	ABRAEA
Catalog page	Page 87 (C-2-2019)
GTIN	4046356822428
Weight per piece (including packing)	89.8 g
Weight per piece (excluding packing)	86.5 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Order information:	Order 17 x 1 mm crimp contacts separately
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Product properties

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

Article revision	05
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Connector

Insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Contact diameter	1 mm
Litz wire cross-section	0.08 mm ²
Litz wire cross-section	1 mm ²
Nominal current per signal contact	8 A
Note	for max. connection cross section
Rated voltage Signal contact	48 V AC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking mechanism
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

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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
Ambient temperature (storage/transport)	15 °C ... 25 °C
Permissible humidity (storage/transport)	50 % ... 65 %

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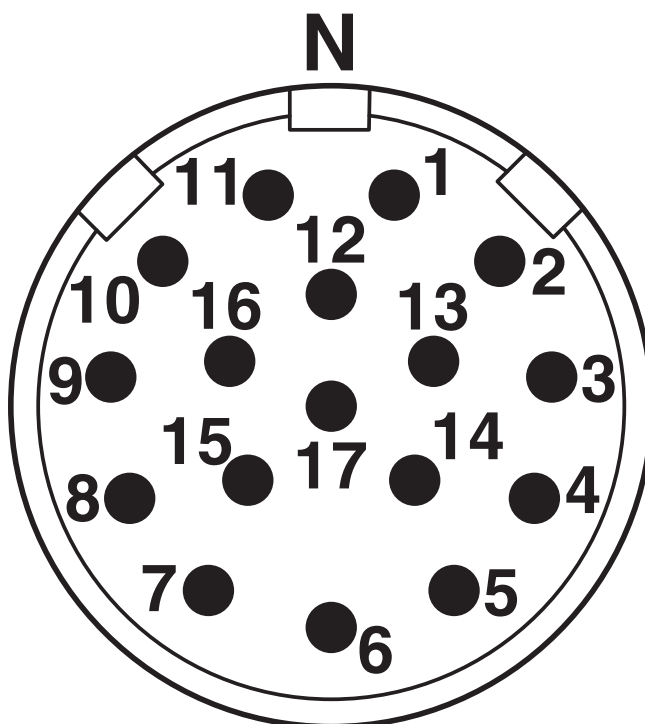


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Drawings

Schematic diagram



Connector pin assignment

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1619636>

	cUL Recognized			
	Approval ID: E335019-20141210			
		Nominal voltage U_N	Nominal current I_N	Cross section AWG
		48 V	3 A	20 - 20
				Cross section mm ²
				-

	UL Recognized			
	Approval ID: E335019-20141210			
		Nominal voltage U_N	Nominal current I_N	Cross section AWG
		48 V	5 A	20 - 20
				Cross section mm ²
				-

cULus Recognized				
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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

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	f68be6c9-dcc7-4082-98eb-2553e3274a73

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