

# CA-16P1N8A8008X - Cable connector



1243729

<https://www.phoenixcontact.com/in/products/1243729>

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M23, Cable connector, series: CA, straight, shielded: yes, Screw locking mechanism, No. of pos. : 16, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 10 mm ... 14.5 mm, coding: N, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

## 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	1243729
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	*****
Product key	ABRAEA
GTIN	4063151403126
Weight per piece (including packing)	90.1 g
Weight per piece (excluding packing)	90.1 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

Order information:	Order 6 x Ø 1 mm crimp contacts separately
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### Product properties

Product type	Circular connector (cable-side)
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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	16
Direction of rotation	Standard
Connection profile	16
Contact diameter	1 mm
Litz wire cross-section	Signal contacts min. 0.08 mm <sup>2</sup>
Litz wire cross-section	Signal contacts max. 1 mm <sup>2</sup>
Nominal current per signal contact	8 A
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

## Environmental and real-life conditions

### Ambient conditions

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

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1243729>

cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	48 V	3 A	20	-

UL Recognized Approval ID: E335019-20141210				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	48 V	5 A	20	-

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	39121100
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## Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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## Accessories

### CA-Z0077X - Metal protective cap

1245447

<https://www.phoenixcontact.com/in/products/1245447>



Metal protective cap, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

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### RF-Z0014 - Color coding

1620588

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

Color coding, color: green



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<https://www.phoenixcontact.com/in/products/1243729>

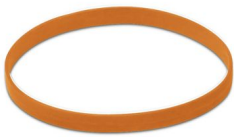


## RF-Z0015 - Color coding

1620592

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

Color coding, color: orange



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## RF-Z0016 - Color coding

1620593

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

Color coding, color: black





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## SF-Z0028 - Torque screwdriver

1607456

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

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



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## SF-Z0027 - Hook wrench

1607455

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

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



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## RF-Z0003X - Square mounting flange

1242369

<https://www.phoenixcontact.com/in/products/1242369>



Square mounting flange, Axial seal, 4xM3, flange dimensions: 35 mm x 35 mm, series: RF, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

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

1577206

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



Plastic protective cap, M23, series: CA, RC, RF, UC, RM

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## RC-10KP0,08-0,56 - Crimp contact

1240882

<https://www.phoenixcontact.com/in/products/1240882>



Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>, Contact release tool not necessary for the 12- and 17-pos. crimp versions of the M23-PRO series, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

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## RC-10KP0,75-1,00 - Crimp contact

1241571

<https://www.phoenixcontact.com/in/products/1241571>



Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.75 mm<sup>2</sup> ... 1 mm<sup>2</sup>, Contact release tool not necessary for the 12- and 17-pos. crimp versions of the M23-PRO series, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

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