

CA-17M1N8A8503 - Cable connector



1619613
<https://www.phoenixcontact.com/pc/products/1619613>

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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: 6 mm ... 10 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243704

Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1619613
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAEA
Catalog page	Page 110 (C-2-2019)
GTIN	4046356822626
Weight per piece (including packing)	90.3 g
Weight per piece (excluding packing)	90.3 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	Order 17 x 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 17 x 1 mm crimp contacts separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact switching type	Pin
Application	Feedback, signal
	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Contact diameter	Signal contacts 1 mm
Litz wire cross-section	Signal contacts min. 0.06 mm ²
Litz wire cross-section	Signal contacts max. 1 mm ²
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	6 mm ... 10 mm
Seal material	FPM

Environmental and real-life conditions

Ambient conditions

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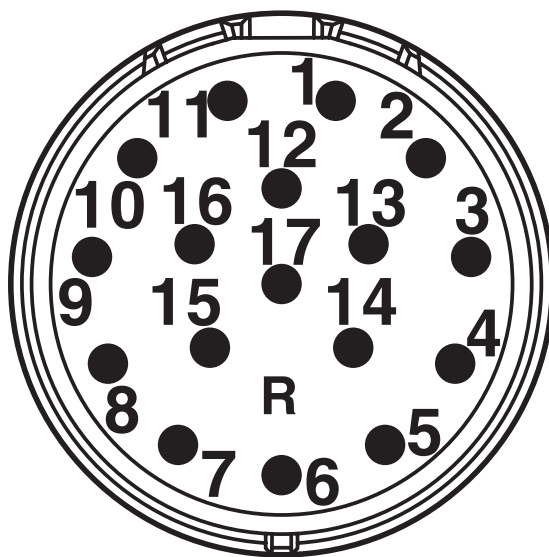


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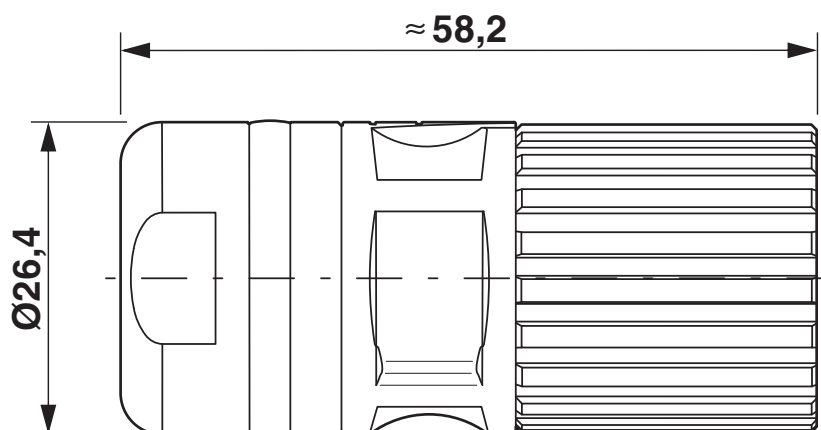
Drawings

Schematic diagram



Contact chamber numbering (view of plug-in side), standard pin

Dimensional drawing



Technical drawings can be found under Downloads

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1619613>

 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 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	d2e427bb-eb5d-46bc-9a3c-997fc3cca67f

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Accessories

SF-6CP2000 - Crimp contact

1605559

<https://www.phoenixcontact.com/pc/products/1605559>



Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm² ... 0.25 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241921

SF-10KP004 - Crimp contact

1607355

<https://www.phoenixcontact.com/pc/products/1607355>



Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm² ... 0.5 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241921

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SF-6AP2000 - Crimp contact

1605554

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Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.25 mm² ... 1 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241921

CA-Z0077 - Metal protective cap

1627224

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

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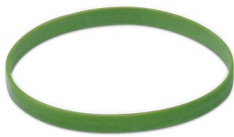
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RF-Z0014 - Color coding

1620588

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

Color coding, color: green



RF-Z0015 - Color coding

1620592

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

Color coding, color: orange



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RF-Z0016 - Color coding

1620593

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

Color coding, color: black



RF-Z0003 - Square mounting flange

1607905

<https://www.phoenixcontact.com/pc/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

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

1577206

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



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

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