

# CA-17M1N8A8504 - Cable connector



1619607

<https://www.phoenixcontact.com/pc/products/1619607>

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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.: 1243698

## 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	1619607
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABRAEA
Catalog page	Page 110 (C-2-2019)
GTIN	4046356822688
Weight per piece (including packing)	88.9 g
Weight per piece (excluding packing)	88.9 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 <b>Signal contacts</b>	1 mm
Litz wire cross-section <b>Signal contacts</b> min.	0.06 mm <sup>2</sup>
Litz wire cross-section <b>Signal contacts</b> max.	1 mm <sup>2</sup>
Nominal current per signal contact	8 A
Rated voltage <b>Signal contact</b>	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	FPM

## Environmental and real-life conditions

### Ambient conditions

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Ambient temperature (operation)

-40 °C ... 125 °C

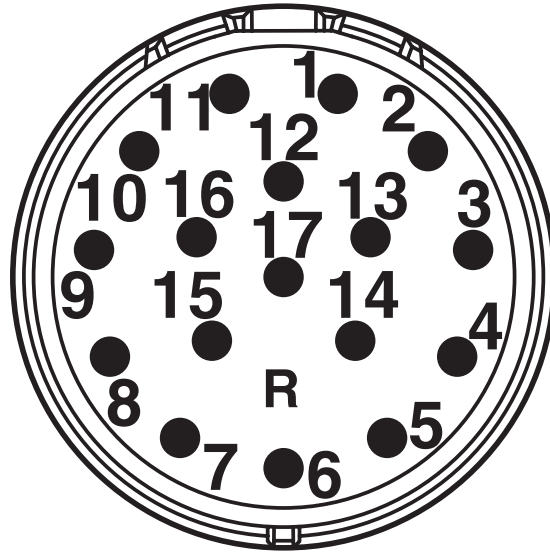
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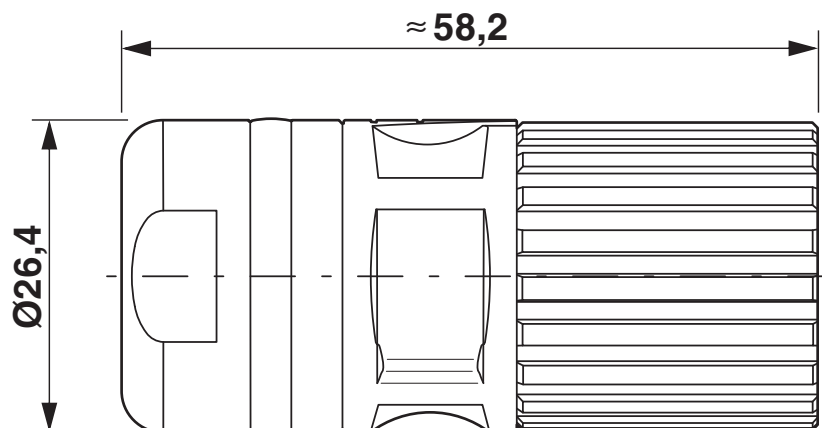
## Drawings

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/1619607>

 <b>cUL Recognized</b> Approval ID: E335019-20141210				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	48 V	5 A	- 18	-

 <b>UL Recognized</b> Approval ID: E335019-20141210				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	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	e5ddb69d-a379-4839-8571-bb5b6af066cc

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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 mm<sup>2</sup> ... 0.25 mm<sup>2</sup>, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241921

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### 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 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>, 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

<https://www.phoenixcontact.com/pc/products/1605554>



Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.25 mm<sup>2</sup> ... 1 mm<sup>2</sup>, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241921

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## CA-Z0077 - Metal protective cap

1627224

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

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## RF-Z0014 - Color coding

1620588

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

Color coding, color: green



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## 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



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## 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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