

# Cable connector - CA-12M1N8A8504S



1619453

<https://www.phoenixcontact.com/pc/products/1619453>

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Cable connector, CA, straight, shielded: yes, SPEEDCON locking, M23, No. of pos.: 12, Direction of rotation: Standard, type of contact: Pin, Crimp connection, cable diameter range: 10 mm ... 14.5 mm, coding:N

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## 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
- Reduced connection time with SPEEDCON fast locking system
- Crimping connection: vibration- and temperature-resistant assembly

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## Commercial Data

Item number	1619453
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	ABRBFH
Catalog Page	Page 110 (C-2-2019)
GTIN	4046356823944
Weight per Piece (including packing)	89.8 g
Weight per Piece (excluding packing)	89.8 g
Customs tariff number	85366990
Country of origin	DE

## Technical Data

### Notes

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

Product type	Circular connector (cable-side)
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### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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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 type	Pin
Application	Feedback, signal Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12

#### Housing

Type of locking	SPEEDCON locking
Thread type	M23
Degree of protection	IP67
Housing material	Metal

#### Seal

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

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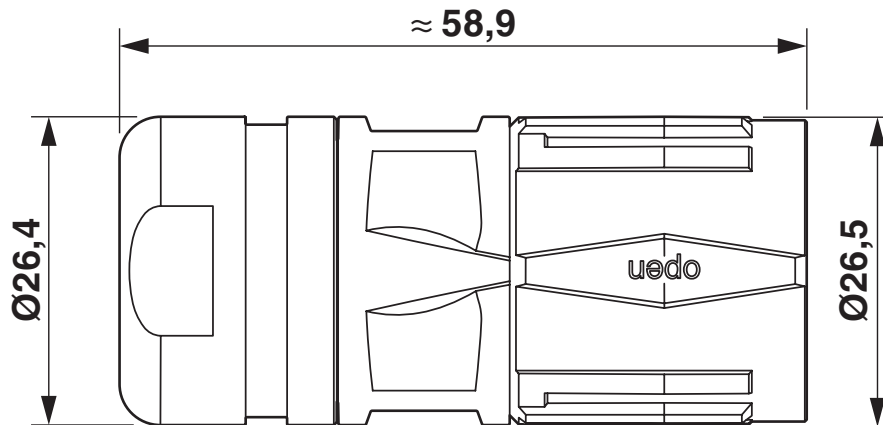


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## Drawings

Dimensional drawing




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## Approvals

 <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	6 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-9.0	27440102
ECLASS-10.0.1	27440102
ECLASS-11.0	27440102

### ETIM

ETIM 8.0	EC002635
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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## Accessories

### Crimp contact

Crimp contact - SF-6CP2000 - 1605559

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



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm<sup>2</sup> ... 0.25 mm<sup>2</sup>

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### Crimp contact

Crimp contact - SF-10KP004 - 1607355

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



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

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## Crimp contact

Crimp contact - SF-6AP2000 - 1605554

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



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.25 mm<sup>2</sup> ... 1 mm<sup>2</sup>

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## Protective cap

Protective cap - RC-Z2058 - 1604223

<https://www.phoenixcontact.com/pc/products/1604223>



Plastic protection cap for connectors with M23 knurled nut

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## Plastic anti-static dust protection cap

Plastic anti-static dust protection cap - RC-Z2468 - 1611796

<https://www.phoenixcontact.com/pc/products/1611796>



Plastic protection cap, antistatic, for connectors with M23 knurled nut

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## Color-coding

Color-coding - RF-Z0014 - 1620588

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



Color-coding, color: green

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## Color-coding

Color-coding - RF-Z0015 - 1620592

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

Color-coding, color: orange



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## Color-coding

Color-coding - RF-Z0016 - 1620593

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

Color-coding, color: black



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## Square mounting flange

Square mounting flange - RF-Z0003 - 1607905

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



Square mounting flange, Axial seal, 4xM3, flange dimensions: 35 mm x 35 mm, series: RF

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## Torque screwdriver

Torque screwdriver - SF-Z0028 - 1607456

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



Torque screwdriver, series: RC

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## Hook wrench

Hook wrench - SF-Z0027 - 1607455

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



Hook wrench, series: RC

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