

Cable connector - CA-12M1N8A85DUS



1619471

<https://www.phoenixcontact.com/pc/products/1619471>

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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: 3 mm ... 14.5 mm, coding:N

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	1619471
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	4046356823760
Weight per Piece (including packing)	93.3 g
Weight per Piece (excluding packing)	93.3 g
Customs tariff number	85366990
Country of origin	DE

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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	3 mm ... 14.5 mm

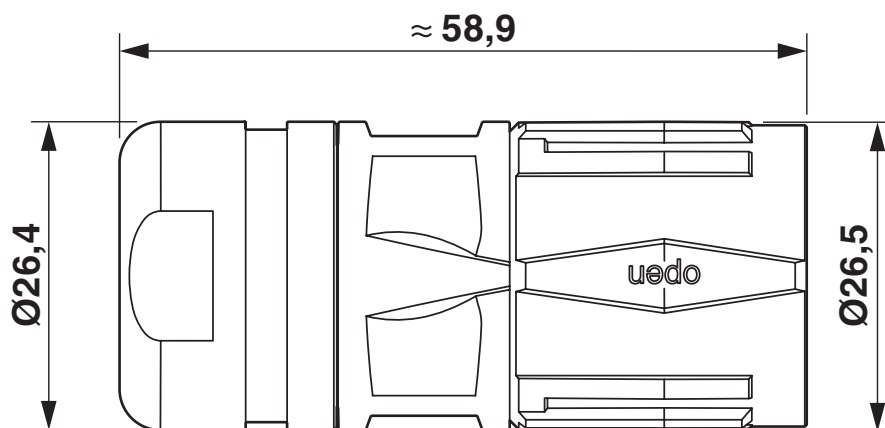
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Drawings

Dimensional drawing




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Approvals

 cUL Recognized Approval ID: E335019-20141210				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	48 V	6 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-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 mm² ... 0.25 mm²

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 mm² ... 0.5 mm²

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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 mm² ... 1 mm²

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

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



Color-coding

Color-coding - RF-Z0016 - 1620593

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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

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

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Hook wrench, series: RC

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