

Cable connector - CA-16P1N1280DN



1619759

<https://www.phoenixcontact.com/us/products/1619759>

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Cable connector, CA, straight, shielded: yes, Screw locking, M23, No. of pos.: 16, Direction of rotation: Standard, type of contact: Pin, Solder 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 transmission of signals
- Solder connection: proven connection technology for various litz wires

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Commercial Data

Item number	1619759
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	A12
Product Key	ABRBFA
GTIN	4046356821582
Weight per Piece (including packing)	96.8 g
Weight per Piece (excluding packing)	94.9 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

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

Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact type	Pin
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Rated surge voltage	1.5 kV 1.5 kV
Overvoltage category	III III
Degree of pollution	3 3

Housing

Type of locking	Screw locking
Thread type	M23
Degree of protection	IP67
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)

Seal

Seal material	NBR
External cable diameter	3 mm ... 14.5 mm

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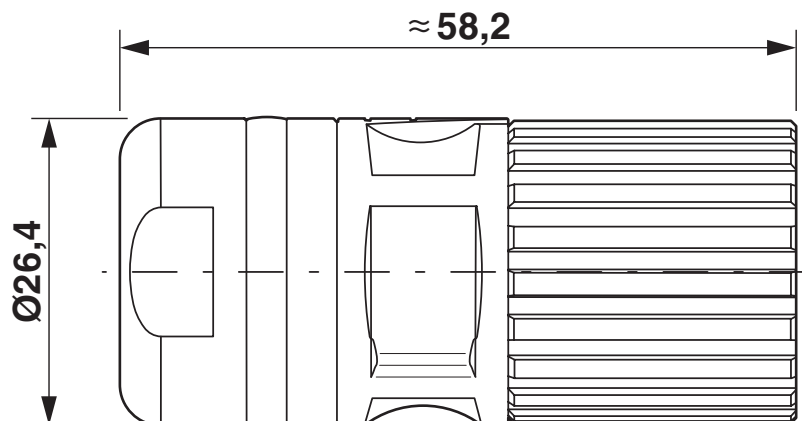
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Drawings

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	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-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

Torque screwdriver

Torque screwdriver - SF-Z0028 - 1607456

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

Torque screwdriver, series: RC



Hook wrench

Hook wrench - SF-Z0027 - 1607455

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Hook wrench, series: RC



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Protective cap

Protective cap - RC-Z2058 - 1604223

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

Plastic protection cap for connectors with M23 knurled nut



Plastic anti-static dust protection cap

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

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

Color-coding, color: green



Color-coding

Color-coding - RF-Z0015 - 1620592

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

Color-coding, color: orange



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Color-coding

Color-coding - RF-Z0016 - 1620593

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

Color-coding, color: black



Square mounting flange

Square mounting flange - RF-Z0003 - 1607905

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



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

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Metal protective cap

Metal protective cap - CA-Z0077 - 1627224

<https://www.phoenixcontact.com/us/products/1627224>



Metal protection cap with steel wire and loop, for M23 signal connectors with knurled nut for fastening to the cable

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