

Cable connector - CA-17S1N8AT006

1620266

<https://www.phoenixcontact.com/us/products/1620266>



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M23, Cable connector, CA, angled, shielded: yes, Screw locking, No. of pos.: 17, Direction of rotation: Standard, type of contact: Socket, Crimp connection, cable diameter range: 4 mm ... 6 mm, coding:N Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%)
1244117



Your advantages

- Angled cable outlet for confined spaces
- Can be adapted to various applications, thanks to adjustable cable outlet direction
- 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
- Crimping connection: vibration- and temperature-resistant assembly

Commercial Data

Item number	1620266
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	A12
Product Key	ABRBFB
Catalog Page	Page 93 (C-2-2019)
GTIN	4046356818179
Weight per Piece (including packing)	188.2 g
Weight per Piece (excluding packing)	188.2 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Notes

Order information:	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

Connection 1

Head design	Socket
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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	Socket
Application	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.	0.08 mm ²
Litz wire cross-section Signal contacts max.	1 mm ²
Nominal current per signal contact	8 A
Note	for max. connection cross section
Rated voltage Signal contact	48 V AC
Rated surge voltage	1.5 kV
Overshoot 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
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

External cable diameter	4 mm ... 6 mm
Seal material	NBR

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Ambient conditions

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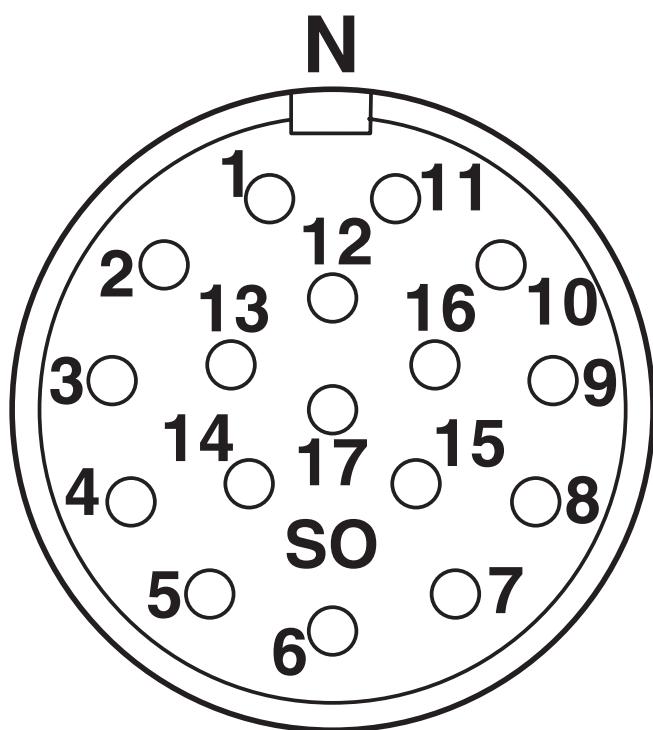
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Drawings

Schematic diagram



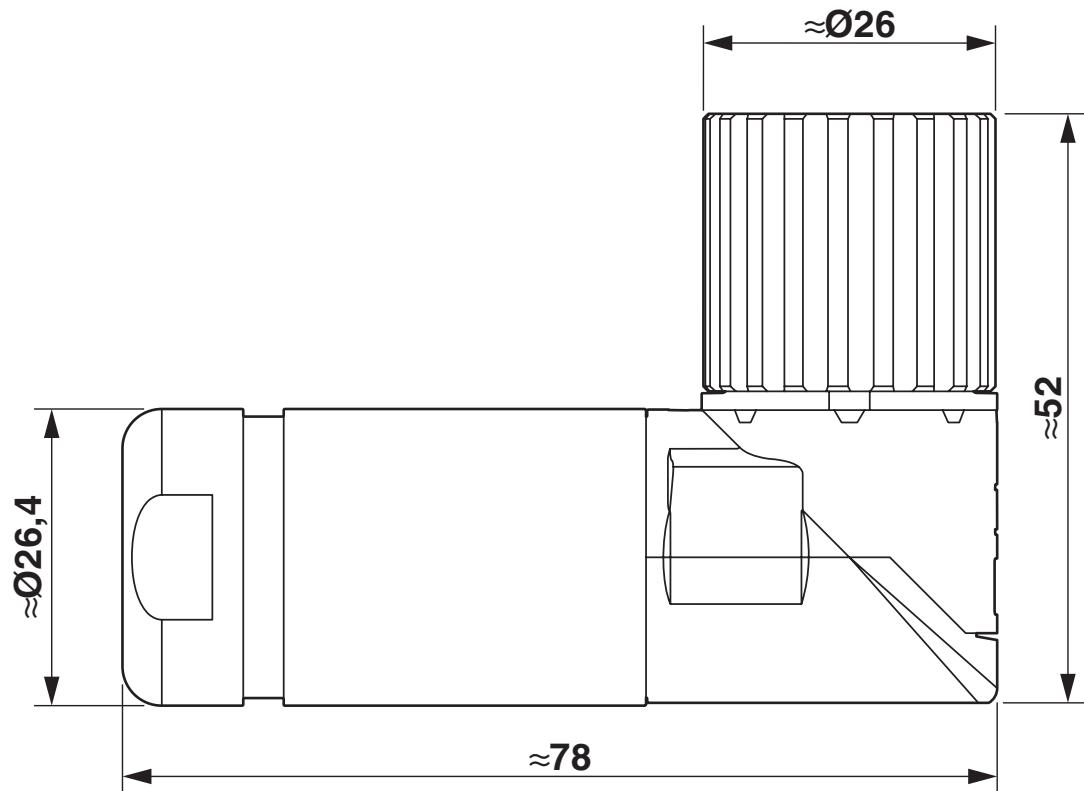
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Dimensional drawing



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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	3 A	- 20	-

UL Recognized Approval ID: E335019-20141210	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	48 V	5 A	- 20	-

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 - RC-11S2000 - 1596772

<https://www.phoenixcontact.com/us/products/1596772>

Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm² ... 0.22 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) 1241093



Crimp contact

Crimp contact - RC-12S2000 - 1599600

<https://www.phoenixcontact.com/us/products/1599600>

Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm² ... 0.56 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) 1241093



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Crimp contact

Crimp contact - RC-1KS2000 - 1602998

<https://www.phoenixcontact.com/us/products/1602998>



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm² ... 1 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) 1241572

Protective cap

Protective cap - RC-Z2058 - 1604223

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

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



Metal protective cap

Metal protective cap - CA-Z0077 - 1627224

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

Metal protective cap, degree of protection: IP67



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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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Color-coding

Color-coding - RF-Z0014 - 1620588

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Color-coding, color: green



Color-coding

Color-coding - RF-Z0015 - 1620592

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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



Crimp contact

Crimp contact - RC-22S2000 - 1603327

<https://www.phoenixcontact.com/us/products/1603327>

Crimp contact, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm², Single contact



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Crimp contact

Crimp contact - RC-22S2400 - 1603332

<https://www.phoenixcontact.com/us/products/1603332>



Crimp contact, rolled, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

Crimp contact

Crimp contact - RC-22S2300 - 1603330

<https://www.phoenixcontact.com/us/products/1603330>



Crimp contact, rolled, Taped articles, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

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