

Cable connector - CA-19P1N12T0DN



1620292

<https://www.phoenixcontact.com/pc/products/1620292>

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.

Cable connector, CA, angled, shielded: yes, Screw locking, M23, No. of pos.: 16+3, Direction of rotation: Standard, type of contact: Pin, Solder connection, cable diameter range: 3 mm ... 14.5 mm, coding:N



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
- Solder connection: proven connection technology for various litz wires

Cable connector - CA-19P1N12T0DN



1620292

<https://www.phoenixcontact.com/pc/products/1620292>

Commercial Data

Item number	1620292
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	ABRBFB
Catalog Page	Page 93 (C-2-2019)
GTIN	4046356817943
Weight per Piece (including packing)	198 g
Weight per Piece (excluding packing)	198 g
Customs tariff number	85366990
Country of origin	DE

Cable connector - CA-19P1N12T0DN



1620292

<https://www.phoenixcontact.com/pc/products/1620292>

Technical Data

Product properties

Product type	Circular connector (cable-side)
--------------	---------------------------------

Ambient conditions

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

Connector

Insulating body

Coding	N
Insulation body material	PA 6.6
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact type	Pin
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+3
Contact diameter	1.5 mm
Max. cross section	1 mm ² 1 mm ²
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

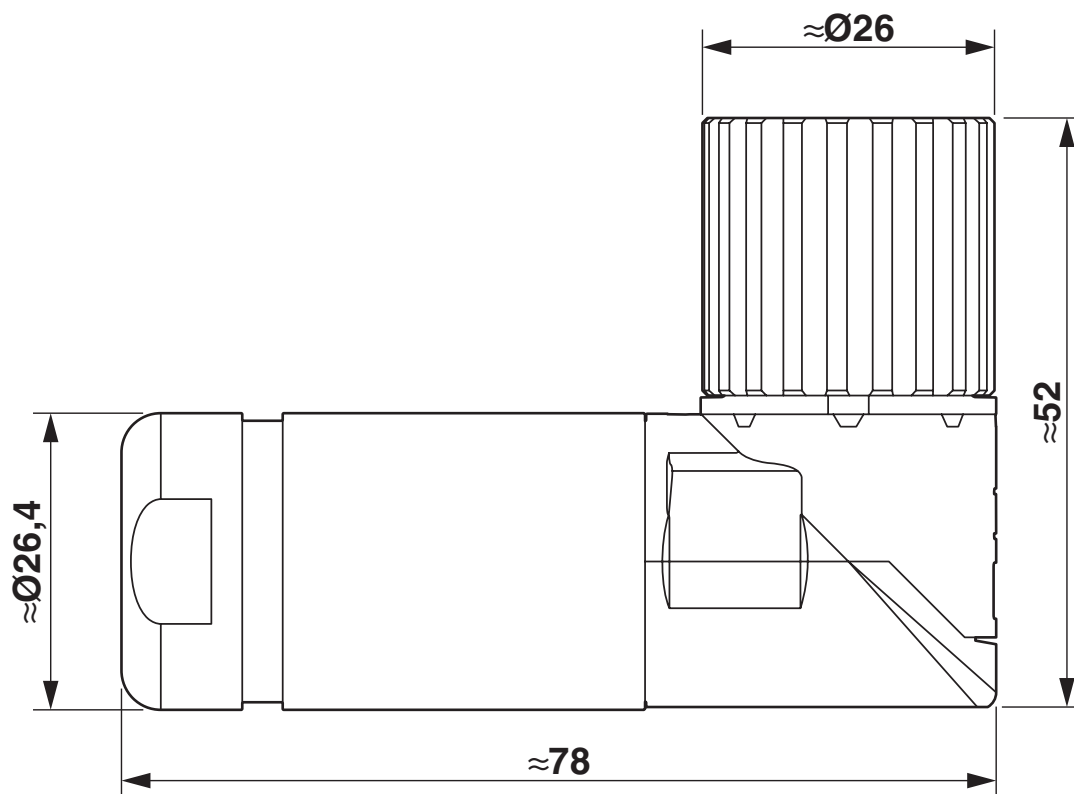
Cable connector - CA-19P1N12T0DN

1620292

<https://www.phoenixcontact.com/pc/products/1620292>

Drawings

Dimensional drawing




Cable connector - CA-19P1N12T0DN




1620292

<https://www.phoenixcontact.com/pc/products/1620292>

Approvals

 cUL Recognized Approval ID: E335019-20141210				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Power	48 V	6 A	- 18	-
Signal	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
Power	48 V	10 A	- 18	-
Signal	48 V	8 A	- 18	-

cULus Recognized				
-------------------------	--	--	--	--

Cable connector - CA-19P1N12T0DN



1620292

<https://www.phoenixcontact.com/pc/products/1620292>

Classifications

ECLASS

ECLASS-9.0	27440102
ECLASS-10.0.1	27440102
ECLASS-11.0	27440102

ETIM

ETIM 8.0	EC002635
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

Cable connector - CA-19P1N12T0DN



1620292

<https://www.phoenixcontact.com/pc/products/1620292>

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"

Cable connector - CA-19P1N12T0DN

1620292

<https://www.phoenixcontact.com/pc/products/1620292>



Accessories

Torque screwdriver

Torque screwdriver - SF-Z0028 - 1607456

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

Torque screwdriver, series: RC



Hook wrench

Hook wrench - SF-Z0027 - 1607455

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

Hook wrench, series: RC



Cable connector - CA-19P1N12T0DN

1620292

<https://www.phoenixcontact.com/pc/products/1620292>

Protective cap

Protective cap - RC-Z2058 - 1604223

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

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



Cable connector - CA-19P1N12T0DN



1620292

<https://www.phoenixcontact.com/pc/products/1620292>

Color-coding

Color-coding - RF-Z0014 - 1620588

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

Color-coding, color: green



Color-coding

Color-coding - RF-Z0015 - 1620592

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

Color-coding, color: orange



Cable connector - CA-19P1N12T0DN



1620292

<https://www.phoenixcontact.com/pc/products/1620292>

Color-coding

Color-coding - RF-Z0016 - 1620593

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

Color-coding, color: black



Phoenix Contact 2022 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG

Flachsmarktstraße 8

D-32825 Blomberg

+49 (0) 5235-3 00

info@phoenixcontact.com