## CA-19P1N12T0DN - Cable connector

1620292

https://www.phoenixcontact.com/us/products/1620292

**PHŒNIX** CONTACT

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without Exemption 6c (Pb < 0.1 %) item no.: 1244141

M23, Cable connector, series: CA, angled, shielded: yes, Screw locking mechanism, No. of pos.: 16+3, Direction of rotation: Standard, contact connection type: Pin, Solder connection, cable diameter range: 3 mm ... 14.5 mm, coding: N, Alternative product in accordance with RoHS II

## 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

### Commercial data

Item number	1620292
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEC
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

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## Technical data

Product type	Circular connector (cable-side)
nector	
ulating body	
Coding	Ν
Insulation body material	PA 6.6
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact switching type	Pin
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+3
Contact diameter Power contacts	1.5 mm
Litz wire cross-section Power contacts max.	1 mm <sup>2</sup>
Rated current Power contacts	10 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts max.	1 mm <sup>2</sup>
Nominal current per signal contact	8 A
Installation height	2000 m

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23
Seal	

Seal

External cable diameter	3 mm 14.5 mm
Seal material	NBR

#### 1620292

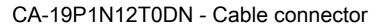
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#### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C 125 °C
Ambient temperature (storage/transport)	15 °C 25 °C
Permissible humidity (storage/transport)	50 % 65 %



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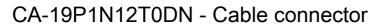
## Classifications

#### ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

### ETIM

	ETIM 9.0	EC002635
UNSPSC		
	UNSPSC 21.0	39121400



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## Environmental product compliance

REACh SVHC	Lead 7439-92-1
China Dalla	Environmentally Eriondly Line Deried - 50 years
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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