CA-12P1N12T006 - Cable connector

1620278

https://www.phoenixcontact.com/pc/products/1620278

PHŒNIX CONTACT

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.

without Exemption 6c (Pb < 0.1 %) item no.: 1244127

M23, Cable connector, series: CA, angled, shielded: yes, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Pin, Solder connection, cable diameter range: 4 mm ... 6 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	1620278
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAEC
Catalog page	Page 92 (C-2-2019)
GTIN	4046356818087
Weight per piece (including packing)	193.3 g
Weight per piece (excluding packing)	144.958 g
Customs tariff number	85366990
Country of origin	DE

CA-12P1N12T006 - Cable connector

1620278

https://www.phoenixcontact.com/pc/products/1620278



Technical data

Product type	Circular connector (cable-side)
nector	
ulating body	
Coding	Ν
Insulation body material	PBT
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	12
Direction of rotation	Standard
Connection profile	12
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 ²
Nominal current per signal contact	8 A

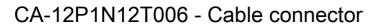
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)		
Type of locking	Screw locking mechanism		
Pg screw connection	none		
Degree of protection (plugged in)	IP67		
Thread type	M23		
Seal			
External cable diameter	4 mm 6 mm		

NBR

Environmental and real-life conditions

Seal material

Ambient conditions		
	Ambient temperature (operation)	-40 °C 125 °C
	Ambient temperature (storage/transport)	15 °C 25 °C



1620278

https://www.phoenixcontact.com/pc/products/1620278



Permissible humidity (storage/transport)

50 % ... 65 %

Phoenix Contact 2024 © - 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