

CA-12M1N8A85DU - Cable connector



1619630

<https://www.phoenixcontact.com/us/products/1619630>

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.



M23, Cable connector, series: CA, straight, shielded: yes, Screw locking mechanism, No. of pos. : 12, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 3 mm ... 14.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1243719

Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1619630
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEA
Catalog page	Page 110 (C-2-2019)
GTIN	4046356822480
Weight per piece (including packing)	93 g
Weight per piece (excluding packing)	90 g
Customs tariff number	85366990
Country of origin	DE

CA-12M1N8A85DU - Cable connector



1619630

<https://www.phoenixcontact.com/us/products/1619630>

Technical data

Notes

General	Order crimp contacts Ø 1 mm separately
---------	--

Product properties

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

Connector

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 switching type	Pin
Application	Feedback, signal Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts min.	0.06 mm ²
Litz wire cross-section Signal contacts max.	1 mm ²
Nominal current per signal contact	8 A
Rated voltage Signal contact	48 V AC
Rated surge voltage	1.5 kV
Overvoltage 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 mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

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

Environmental and real-life conditions

Ambient conditions

CA-12M1N8A85DU - Cable connector



1619630

<https://www.phoenixcontact.com/us/products/1619630>

Ambient temperature (operation)

-40 °C ... 125 °C

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com