

CA-12S1N12AD00 - Device connector front mounting



1627686

<https://www.phoenixcontact.com/us/products/1627686>

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.



The figure shows the product version for pin contacts

M23, Device connector front mounting, application: Signal, series: CA, angled rotatable, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Socket, Solder connection, Axial O-ring, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1245503

Your advantages

- Easy connection, thanks to infinitely adjustable cable outlet direction up to 310°
- 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	1627686
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAEM
GTIN	4055626345758
Weight per piece (including packing)	125.3 g
Weight per piece (excluding packing)	125 g
Country of origin	DE

1627686

<https://www.phoenixcontact.com/us/products/1627686>

Technical data

Product properties

Product type	Circular connectors (device side)
--------------	-----------------------------------

Material specifications

Flammability rating according to UL 94	V0
--	----

Connector

Insulating body

Coding	N
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact switching type	Socket
Application	Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12
Number (Contact group 1)	0
Rated voltage Contact (Contact group 1)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Number (Contact group 2)	12
Contact diameter (Contact group 2)	1 mm
Litz wires Max. cross section (Contact group 2)	1 mm ²
Rated current Contact (Contact group 2)	8 A

Housing

Type	Flange housing
Thread type	M23
Design	angled rotatable
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Mounting type	Front mounting/square flange (4x Ø 3.2 mm)
Material (Housing)	GD-Zn
Material (Rotating parts)	CuZn
Degree of protection (plugged in)	IP67
Seal for the device	Axial O-ring

CA-12S1N12AD00 - Device connector front mounting



1627686

<https://www.phoenixcontact.com/us/products/1627686>

Drawings

Schematic diagram



Connector pin assignment

CA-12S1N12AD00 - Device connector front mounting



1627686

<https://www.phoenixcontact.com/us/products/1627686>

Classifications

ECLASS

ECLASS-13.0

27440116

UNSPSC

UNSPSC 21.0

39121400

1627686

<https://www.phoenixcontact.com/us/products/1627686>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	dd6af01c-2541-4154-8258-fc18e07cdfef

Phoenix Contact 2026 © - 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