

CA-09P1N8A8007SX - Cable connector



1243633

<https://www.phoenixcontact.com/us/products/1243633>

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 6-pos. product version with solder contacts

M23, Cable connector, application: Signal, series: CA, straight, shielded: yes, SPEEDCON, No. of pos.: 8+1, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 6 mm ... 10 mm, coding: N, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Your advantages

- 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
- Reduced connection time with SPEEDCON fast locking system
- Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1243633
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABRAEB
GTIN	4063151474300
Weight per piece (including packing)	89.5 g
Weight per piece (excluding packing)	86.308 g
Country of origin	DE

CA-09P1N8A8007SX - Cable connector



1243633

<https://www.phoenixcontact.com/us/products/1243633>

Technical data

Notes

Order information:	Order crimp contacts 8 x Ø 1 mm, 1 x Ø 2 mm separately
--------------------	--

Product properties

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

Connector

Insulating body

Note	Order information: Order crimp contacts 8 x Ø 1 mm, 1 x Ø 2 mm separately
Coding	N
Material (Insulating body)	PA 6.6
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	9
Direction of rotation	Standard
Connection profile	8+1
Number (Contact group 1)	1
Contact diameter (Contact group 1)	2 mm
Litz wires Min. cross section (Contact group 1)	1 mm ²
Litz wires Max. cross section (Contact group 1)	2.5 mm ²
Rated current Contact (Contact group 1)	20 A
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)	8
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	Cable connector housing
Thread type	M23
Design	straight
Type of locking	SPEEDCON
Pg screw connection	none
Housing material	CuZn, GD-Zn
Degree of protection (plugged in)	IP67

CA-09P1N8A8007SX - Cable connector



1243633

<https://www.phoenixcontact.com/us/products/1243633>

Seal

External cable diameter	6 mm ... 10 mm
Seal material	NBR

Environmental and real-life conditions

Ambient conditions

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

CA-09P1N8A8007SX - Cable connector



1243633

<https://www.phoenixcontact.com/us/products/1243633>

Drawings

Schematic diagram



Connector pin assignment

CA-09P1N8A8007SX - Cable connector



1243633

<https://www.phoenixcontact.com/us/products/1243633>

Schematic diagram



Connector pin assignment

CA-09P1N8A8007SX - Cable connector



1243633

<https://www.phoenixcontact.com/us/products/1243633>

Classifications

ECLASS

ECLASS-13.0

27440116

ETIM

ETIM 9.0

EC002635

UNSPSC

UNSPSC 21.0

39121100

CA-09P1N8A8007SX - Cable connector



1243633

<https://www.phoenixcontact.com/us/products/1243633>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

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