

Cable connector - CA-09S1N12T008S



1619362

<https://www.phoenixcontact.com/us/products/1619362>

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, CA, angled, shielded: yes, SPEEDCON locking, No. of pos.: 8+1, Direction of rotation: Standard, type of contact: Socket, Solder connection, cable diameter range: 10 mm ... 14.5 mm, coding:N Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) 1243482



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
- Reduced connection time with SPEEDCON fast locking system
- Solder connection: proven connection technology for various litz wires

Commercial Data

Item number	1619362
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	A12
Product Key	ABRBFH
Catalog Page	Page 90 (C-2-2019)
GTIN	4046356824835
Weight per Piece (including packing)	185.6 g
Weight per Piece (excluding packing)	185.6 g
Customs tariff number	85366990
Country of origin	DE

Cable connector - CA-09S1N12T008S



1619362

<https://www.phoenixcontact.com/us/products/1619362>

Technical Data

Product properties

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

Connector

Connection 1

Head design	Socket
-------------	--------

Insulating body

Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact type	Socket
Application	Signal
Number of positions	9
Direction of rotation	Standard
Connection profile	8+1
Contact diameter Power contacts	2 mm
Litz wire cross-section Power contacts max.	2.5 mm ²
Rated current Power contacts	20 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 ²
Nominal current per signal contact	8 A

Housing

Housing material	Metal
Type of locking	SPEEDCON locking
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

External cable diameter	10 mm ... 14.5 mm
-------------------------	-------------------

Cable connector - CA-09S1N12T008S



1619362

<https://www.phoenixcontact.com/us/products/1619362>

Seal material	NBR
---------------	-----

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
---------------------------------	-------------------

Cable connector - CA-09S1N12T008S

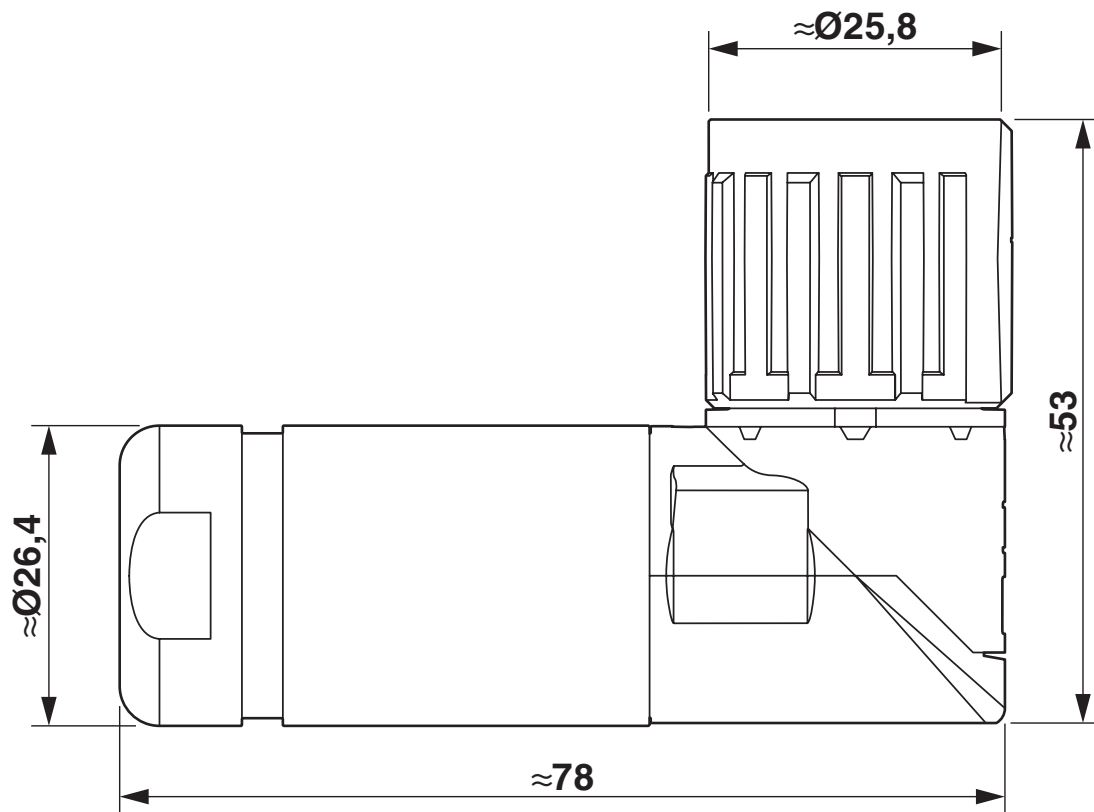
1619362

<https://www.phoenixcontact.com/us/products/1619362>



Drawings

Dimensional drawing



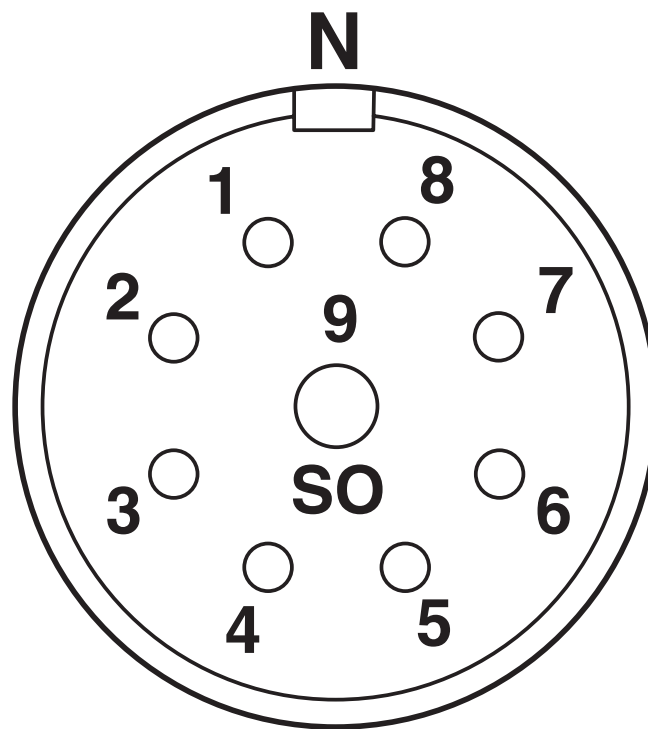
Cable connector - CA-09S1N12T008S

1619362

<https://www.phoenixcontact.com/us/products/1619362>



Schematic diagram




Cable connector - CA-09S1N12T008S




1619362

<https://www.phoenixcontact.com/us/products/1619362>

Approvals

 cUL Recognized Approval ID: E335019-20141210				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Power	48 V	12 A	- 14	-
Signal	48 V	6 A	- 18	-

 UL Recognized Approval ID: E335019-20141210				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Power	48 V	20 A	- 14	-
Signal	48 V	8 A	- 18	-

 EAC Approval ID: B.01687				
---	--	--	--	--

cULus Recognized				
-------------------------	--	--	--	--

Cable connector - CA-09S1N12T008S



1619362

<https://www.phoenixcontact.com/us/products/1619362>

Classifications

ECLASS

ECLASS-9.0	27440102
ECLASS-10.0.1	27440102
ECLASS-11.0	27440102

ETIM

ETIM 8.0	EC002635
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

Cable connector - CA-09S1N12T008S



1619362

<https://www.phoenixcontact.com/us/products/1619362>

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Cable connector - CA-09S1N12T008S

1619362

<https://www.phoenixcontact.com/us/products/1619362>



Accessories

Torque screwdriver

Torque screwdriver - SF-Z0028 - 1607456

<https://www.phoenixcontact.com/us/products/1607456>

Torque screwdriver, series: RC



Hook wrench

Hook wrench - SF-Z0027 - 1607455

<https://www.phoenixcontact.com/us/products/1607455>

Hook wrench, series: RC



Cable connector - CA-09S1N12T008S



1619362

<https://www.phoenixcontact.com/us/products/1619362>

Protective cap

Protective cap - RC-Z2058 - 1604223

<https://www.phoenixcontact.com/us/products/1604223>

Plastic protection cap for connectors with M23 knurled nut



Plastic anti-static dust protection cap

Plastic anti-static dust protection cap - RC-Z2468 - 1611796

<https://www.phoenixcontact.com/us/products/1611796>

Plastic protection cap, antistatic, for connectors with M23 knurled nut



Cable connector - CA-09S1N12T008S



1619362

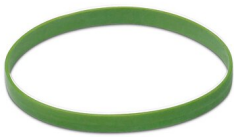
<https://www.phoenixcontact.com/us/products/1619362>

Color-coding

Color-coding - RF-Z0014 - 1620588

<https://www.phoenixcontact.com/us/products/1620588>

Color-coding, color: green



Color-coding

Color-coding - RF-Z0015 - 1620592

<https://www.phoenixcontact.com/us/products/1620592>

Color-coding, color: orange



Cable connector - CA-09S1N12T008S



1619362

<https://www.phoenixcontact.com/us/products/1619362>

Color-coding

Color-coding - RF-Z0016 - 1620593

<https://www.phoenixcontact.com/us/products/1620593>

Color-coding, color: black



Phoenix Contact 2022 © - 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