

# CA-12P1N8AT008S - Cable connector



1619354

<https://www.phoenixcontact.com/be/products/1619354>

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, angled, shielded: yes, SPEEDCON, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 10 mm ... 14.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243475



## 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
- Crimping connection: vibration- and temperature-resistant assembly

## Commercial data

Item number	1619354
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	ABRAED
Product key	ABRAED
Catalog page	Page 90 (C-2-2019)
GTIN	4046356824903
Weight per piece (including packing)	186,6 g
Weight per piece (excluding packing)	186,6 g
Customs tariff number	85366990
Country of origin	DE

# CA-12P1N8AT008S - Cable connector



1619354

<https://www.phoenixcontact.com/be/products/1619354>

## Technical data

### Notes

Order information:	Order 12 x 1 mm crimp contacts separately
--------------------	---

### Product properties

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

### Data management status

Article revision	06
------------------	----

### 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	Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12
Contact diameter <b>Signal contacts</b>	1 mm
Litz wire cross-section <b>Signal contacts</b> min.	0.08 mm <sup>2</sup>
Litz wire cross-section <b>Signal contacts</b> max.	1 mm <sup>2</sup>
Nominal current per signal contact	8 A
Rated voltage <b>Signal contact</b>	48 V AC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

#### Housing

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

#### Seal

External cable diameter	10 mm ... 14.5 mm
Seal material	NBR

## Environmental and real-life conditions

# CA-12P1N8AT008S - Cable connector



1619354

<https://www.phoenixcontact.com/be/products/1619354>

## Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
Ambient temperature (storage/transport)	15 °C ... 25 °C
Permissible humidity (storage/transport)	50 % ... 65 %

# CA-12P1N8AT008S - Cable connector



1619354

<https://www.phoenixcontact.com/be/products/1619354>

## Drawings

Schematic diagram



Connector pin assignment

# CA-12P1N8AT008S - Cable connector




1619354

<https://www.phoenixcontact.com/be/products/1619354>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/be/products/1619354>

 <b>cUL Recognized</b> Approval ID: E335019-20141210				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	48 V	4 A	20 - 20	-

 <b>UL Recognized</b> Approval ID: E335019-20141210				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	48 V	6 A	20 - 20	-

<b>cULus Recognized</b>				
-------------------------	--	--	--	--

# CA-12P1N8AT008S - Cable connector



1619354

<https://www.phoenixcontact.com/be/products/1619354>

## Classifications

### ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

### ETIM

ETIM 9.0	EC002635
----------	----------

### UNSPSC

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

# CA-12P1N8AT008S - Cable connector



1619354

<https://www.phoenixcontact.com/be/products/1619354>

## 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	ce491ea8-7330-4cbe-90b1-8c55d55fddac

# CA-12P1N8AT008S - Cable connector



1619354

<https://www.phoenixcontact.com/be/products/1619354>

## Accessories

### SF-Z0028 - Torque screwdriver

1607456

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

Torque screwdriver, series: RC, UC, SH, SF



---

### SF-Z0027 - Hook wrench

1607455

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

Hook wrench, series: RC, UC, RF, SF



# CA-12P1N8AT008S - Cable connector

1619354

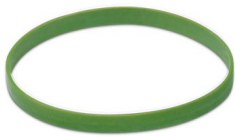
<https://www.phoenixcontact.com/be/products/1619354>

## RF-Z0014 - Color coding

1620588

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

Color coding, color: green



---

## RF-Z0015 - Color coding

1620592

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

Color coding, color: orange



# CA-12P1N8AT008S - Cable connector

1619354

<https://www.phoenixcontact.com/be/products/1619354>



## RF-Z0016 - Color coding

1620593

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

Color coding, color: black



---

## PROT-M23-SG-IT-IP20 - Plastic protective cap

1577206

<https://www.phoenixcontact.com/be/products/1577206>

Plastic protective cap, M23, degree of protection: IP20, series: CA, RC, RF, UC, RM



## CA-12P1N8AT008S - Cable connector

1619354

<https://www.phoenixcontact.com/be/products/1619354>



### RC-11P2000 - Crimp contact

1596770

<https://www.phoenixcontact.com/be/products/1596770>



Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm<sup>2</sup> ... 0.22 mm<sup>2</sup>, Contact release tool not necessary for the 12- and 17-pos. crimp versions of the M23-PRO series, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240882

---

### RC-12P2000 - Crimp contact

1597862

<https://www.phoenixcontact.com/be/products/1597862>



Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>, Contact release tool not necessary for the 12- and 17-pos. crimp versions of the M23-PRO series, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240882

# CA-12P1N8AT008S - Cable connector

1619354

<https://www.phoenixcontact.com/be/products/1619354>

## RC-1KP2000 - Crimp contact

1602996

<https://www.phoenixcontact.com/be/products/1602996>



Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm<sup>2</sup> ... 1 mm<sup>2</sup>, Contact release tool not necessary for the 12- and 17-pos. crimp versions of the M23-PRO series, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241571

---

## RC-22P2000 - Crimp contact

1603321

<https://www.phoenixcontact.com/be/products/1603321>



Crimp contact, Pin, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>, Single contact, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

# CA-12P1N8AT008S - Cable connector

1619354

<https://www.phoenixcontact.com/be/products/1619354>

## RC-22P2300 - Crimp contact

1603324

<https://www.phoenixcontact.com/be/products/1603324>



Crimp contact, Pin, rolled, Taped product, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.22 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

---

## RC-22P2400 - Crimp contact

1603325

<https://www.phoenixcontact.com/be/products/1603325>



Crimp contact, Pin, rolled, Taped product, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.22 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

# CA-12P1N8AT008S - Cable connector

1619354

<https://www.phoenixcontact.com/be/products/1619354>

## RC-21P2000 - Crimp contact

1603310

<https://www.phoenixcontact.com/be/products/1603310>



Crimp contact, Pin, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm<sup>2</sup> ... 0.22 mm<sup>2</sup>, Single contact

---

## RC-21P2300 - Crimp contact

1603313

<https://www.phoenixcontact.com/be/products/1603313>



Crimp contact, Pin, rolled, Taped product, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.08 mm<sup>2</sup> ... 0.22 mm<sup>2</sup>

# CA-12P1N8AT008S - Cable connector



1619354

<https://www.phoenixcontact.com/be/products/1619354>

## RC-21P2400 - Crimp contact

1611637

<https://www.phoenixcontact.com/be/products/1611637>



Crimp contact, Pin, rolled, Taped product, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.08 mm<sup>2</sup> ... 0.22 mm<sup>2</sup>

---

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT nv/sa  
Minervastraat 10-12  
1930 Zaventem-Keiberg II  
+32 (0)2/723 98 11  
[info@phoenixcontact.be](mailto:info@phoenixcontact.be)