

# Cable connector - CA-12P1N12T007S



1619385

<https://www.phoenixcontact.com/pc/products/1619385>

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Cable connector, CA, angled, shielded: yes, SPEEDCON locking, M23, No. of pos.: 12, Direction of rotation: Standard, type of contact: Pin, Solder connection, cable diameter range: 6 mm ... 10 mm, coding:N



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## 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

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## Commercial Data

Item number	1619385
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	ABRBFH
Catalog Page	Page 90 (C-2-2019)
GTIN	4046356824620
Weight per Piece (including packing)	198.6 g
Weight per Piece (excluding packing)	198.6 g
Customs tariff number	85366990
Country of origin	DE

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## Technical Data

### Product properties

Product type	Circular connector (cable-side)
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### Ambient conditions

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

#### 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	Pin
Application	Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12
Rated surge voltage	1.5 kV 1.5 kV
Overvoltage category	III III
Degree of pollution	3 3

#### Housing

Type of locking	SPEEDCON locking
Thread type	M23
Degree of protection	IP67
Housing material	Metal

#### Seal

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

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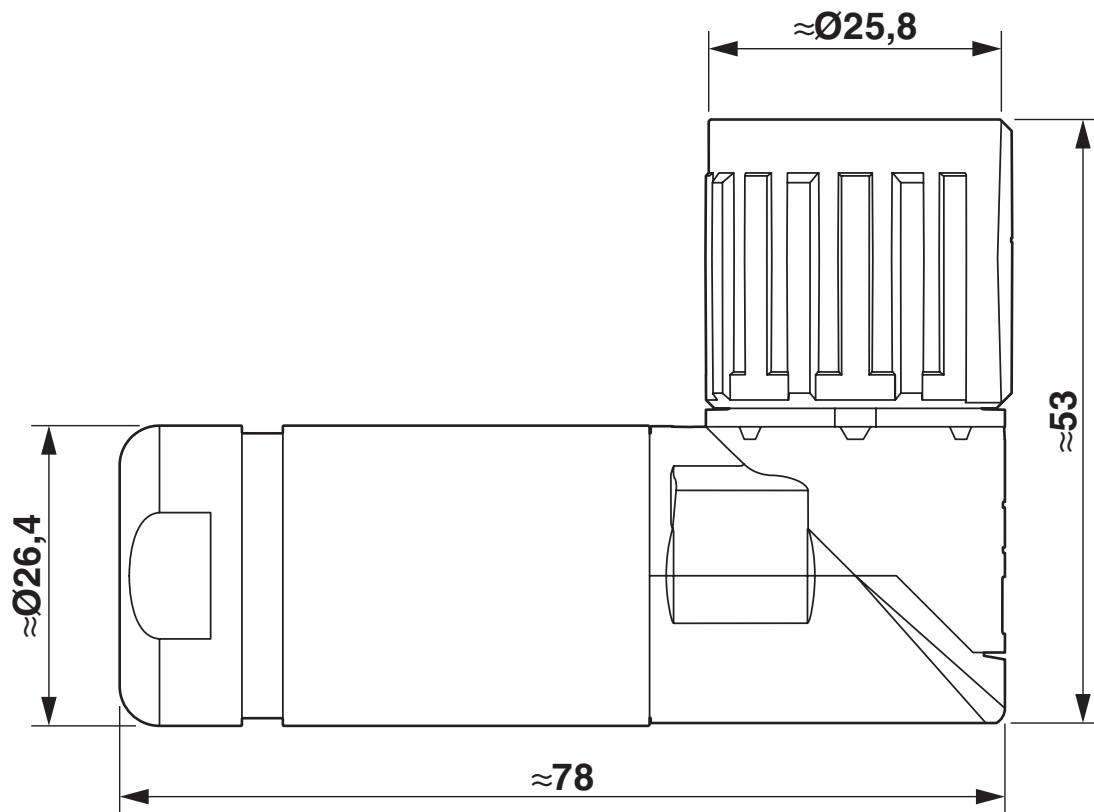


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## Drawings

Dimensional drawing




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## Approvals

 <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	6 A	- 18	-

 <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	8 A	- 18	-

<b>cULus Recognized</b>				
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## Classifications

### ECLASS

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

### ETIM

ETIM 8.0	EC002635
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### UNSPSC

UNSPSC 21.0	39121400
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## 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"

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## Accessories

### Torque screwdriver

Torque screwdriver - SF-Z0028 - 1607456

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

Torque screwdriver, series: RC



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### Hook wrench

Hook wrench - SF-Z0027 - 1607455

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Hook wrench, series: RC



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## Protective cap

Protective cap - RC-Z2058 - 1604223

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

Plastic protection cap for connectors with M23 knurled nut



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## Plastic anti-static dust protection cap

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

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

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



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## Color-coding

Color-coding - RF-Z0014 - 1620588

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Color-coding, color: green



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## Color-coding

Color-coding - RF-Z0015 - 1620592

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

Color-coding, color: orange



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## Color-coding

Color-coding - RF-Z0016 - 1620593

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

Color-coding, color: black



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