

## Cable connector - CA-16P1N12T006 - 1620274

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Cable connector, angled, shielded: Yes, Screw locking, M23, No. of pos.: 16, type of contact: Pin, Solder connection, cable diameter range: 4 mm ... 6 mm



The figure shows the 12-pos. product version

### Why buy this product

- 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
- Solder connection: proven connection technology for various litz wires

**RoHS**

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 818124
GTIN	4046356818124

### Technical data

#### Temperature range

Ambient temperature (operation)	-40 °C ... 125 °C
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#### Data of the insulating body

Coding	N
Insulator material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Contact connection method	Solder connection
Type of contacts	Pin
Application	Signal

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## Technical data

### Data of the insulating body

Number of positions	16
Contact diameter of power contacts	1 mm
Litz wire cross section of power contacts min.	0.08 mm <sup>2</sup>
Litz wire cross section of power contacts max.	1 mm <sup>2</sup>
Nominal current per power contact at 25°C	8 A
Nominal voltage, power contact	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3

### Housing data

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking
Degree of protection (when plugged in)	IP67
Thread type	M23

### Cable seal data

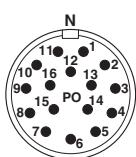
Cable diameter	4 mm ... 6 mm
Sealing material	NBR

### Environmental Product Compliance

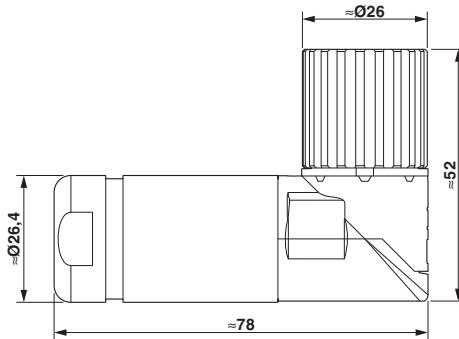
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Schematic diagram



Dimensional drawing



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