# Cable connector - CA-17P1N12T0DNS - 1619429

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Cable connector, CA, angled, shielded: yes, SPEEDCON locking, M23, No. of pos.: 17, Direction of rotation: Standard, type of contact: Pin, Solder connection, cable diameter range: 3 mm ... 14.5 mm, coding:N



The figure shows the 12-pos. product version

## 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

## Key Commercial Data

| | |
|---|---|
| Packing unit | 1 pc |
| GTIN | 4 046356 824187 |
| GTIN | 4046356824187 |

## Technical data

### Temperature range

| | |
|---|---|
| Ambient temperature | -40 °C ... 125 °C |

### Data of the insulating body

| | |
|---|---|
| Coding | N |
| Insulator material | PBT |
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Insertion/withdrawal cycles mechanical | 100 |

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## Technical data

### Data of the insulating body

| | |
|---|---|
| Contact connection method | Solder connection |
| Type of contacts | Pin |
| Application | Signal |
| Number of positions | 17 |
| Direction of rotation | Standard |
| Rated voltage | 48 V AC |
| | 74 V DC |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Contact diameter of signal contacts | 1 mm |
| Litz wire cross section of signal contacts max. | 1 mm² |
| Nominal current per signal contact | 8 A |

### Housing data

| | |
|---|---|
| Housing material | Metal |
| Type of locking | SPEEDCON locking |
| Degree of protection (when plugged in) | IP67 |
| Thread type | M23 |

### Cable seal data

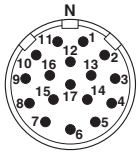
| | |
|---|---|
| Cable diameter | 3 mm ... 14.5 mm |
| Sealing material | NBR |

### Environmental Product Compliance

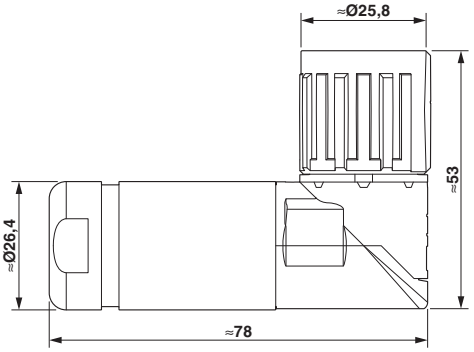
| | |
|---|---|
| REACh SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration” |

## Drawings

Schematic diagram




Dimensional drawing



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## Classifications

### eCl@ss

| | |
|---|---|
| eCl@ss 10.0.1 | 27440102 |
| eCl@ss 11.0 | 27440102 |
| eCl@ss 4.0 | 27260700 |
| eCl@ss 4.1 | 27260700 |
| eCl@ss 5.0 | 27260700 |
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440102 |
| eCl@ss 9.0 | 27440102 |

### ETIM

| | |
|---|---|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002635 |
| ETIM 6.0 | EC002061 |
| ETIM 7.0 | EC002635 |

### UNSPSC

| | |
|---|---|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2 | 43201404 |
| UNSPSC 18.0 | 39121413 |
| UNSPSC 19.0 | 39121413 |
| UNSPSC 20.0 | 39121413 |
| UNSPSC 21.0 | 39121413 |

## Approvals

### Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

### Approval details

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## Approvals

| | | |
|---|---|---|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210 |

| | |
|---|---|
| Nominal voltage UN | 48 V |
| Nominal current IN | 8 A |
| mm²/AWG/kcmil | 18 |

| | | |
|---|---|---|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210 |

| | |
|---|---|
| Nominal voltage UN | 48 V |
| Nominal current IN | 5 A |
| mm²/AWG/kcmil | 18 |

cULus Recognized

## Accessories

### Accessories

### Circular connectors (device side)

Hook wrench - SF-Z0027 - 1607455



Hook wrench

### Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

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## Accessories

Color-coding - RF-Z0014 - 1620588



Color-coding, color: green

Color-coding - RF-Z0015 - 1620592



Color-coding, color: orange

Color-coding - RF-Z0016 - 1620593



Color-coding, color: black

### Protective cover

Protective cap - RC-Z2058 - 1604223



Plastic protection cap for connectors with M23 knurled nut

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



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

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