

Cable connector - CA-12P1N12T0DN - 1619330

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Cable connector, angled, shielded: yes, Screw locking, M23, No. of pos.: 12, type of contact: Pin, Solder connection, cable diameter range: 3 mm ... 14.5 mm




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 825146 |
| GTIN | 4046356825146 |
| Weight per Piece (excluding packing) | 200.000 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Temperature range

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

Data of the insulating body

| | |
|--------------------|-----|
| Coding | N |
| Insulator material | PBT |

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Technical data

Data of the insulating body

| | |
|--|----------------------|
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Contact connection method | Solder connection |
| Type of contacts | Pin |
| Application | Signal |
| Number of positions | 12 |
| Contact diameter of power contacts | 1 mm |
| Litz wire cross section of power contacts min. | 0.08 mm ² |
| Litz wire cross section of power contacts max. | 1 mm ² |
| 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 | 3 mm ... 14.5 mm |
| Sealing material | NBR |

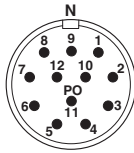
Environmental Product Compliance

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

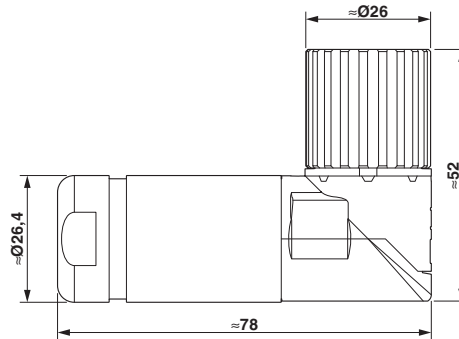
Drawings

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Schematic diagram



Dimensional drawing



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 272607xx |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260702 |
| eCl@ss 7.0 | 27440102 |
| eCl@ss 8.0 | 27440102 |
| eCl@ss 9.0 | 27440103 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002635 |
| ETIM 5.0 | EC002635 |
| ETIM 6.0 | EC002635 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2 | 43201404 |

Approvals

Approvals

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Approvals


Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

| | | | |
|--------------------------------|---|---|------------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E335019-20141210 |
| | | | |
| mm²/AWG/kcmil | | 18 | |
| Nominal current I _N | | 8 A | |
| Nominal voltage U _N | | 150 V | |

| | | | |
|--------------------------------|---|---|------------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E335019-20141210 |
| | | | |
| mm²/AWG/kcmil | | 18 | |
| Nominal current I _N | | 6 A | |
| Nominal voltage U _N | | 150 V | |

| | |
|------------------|---|
| cULus Recognized |  |
|------------------|---|

Accessories

Accessories

Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

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Accessories

Hook wrench - SF-Z0027 - 1607455



Hook wrench

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

Plastic dust protection cap - RC-Z2058 - 1604223



Plastic dust protection cap for connectors with M23 knurled nuts

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Accessories

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



Plastic dust protection cap, anti-static, for connectors with M23 knurled nuts