

## Cable connector - CA-06P1N12T008S - 1619371

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Cable connector, angled, shielded: yes, SPEEDCON locking, M23, No. of pos.: 6, type of contact: Pin, Solder connection, cable diameter range: 10 mm ... 14.5 mm



### 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         |               |
| GTIN         | 4046356824767 |

### Technical data

#### Temperature range

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -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               |
| Contact connection method              | Solder connection |
| Type of contacts                       | Pin               |

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### Technical data

#### Data of the insulating body

|   |                     |
|---|---------------------|
| Application                                     | Signal              |
| Number of positions                             | 6                   |
| Contact diameter of signal contacts             | 2 mm                |
| Litz wire cross section of signal contacts max. | 2.5 mm <sup>2</sup> |
| Nominal current per signal contact at 25°C      | 20 A                |
| Nominal voltage, signal contact                 | 300 V               |
| Rated surge voltage                             | 2.5 kV              |
| Overvoltage category                            | II                  |
| Degree of pollution                             | 3                   |

#### 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   | 10 mm ... 14.5 mm |
| Sealing material | NBR               |

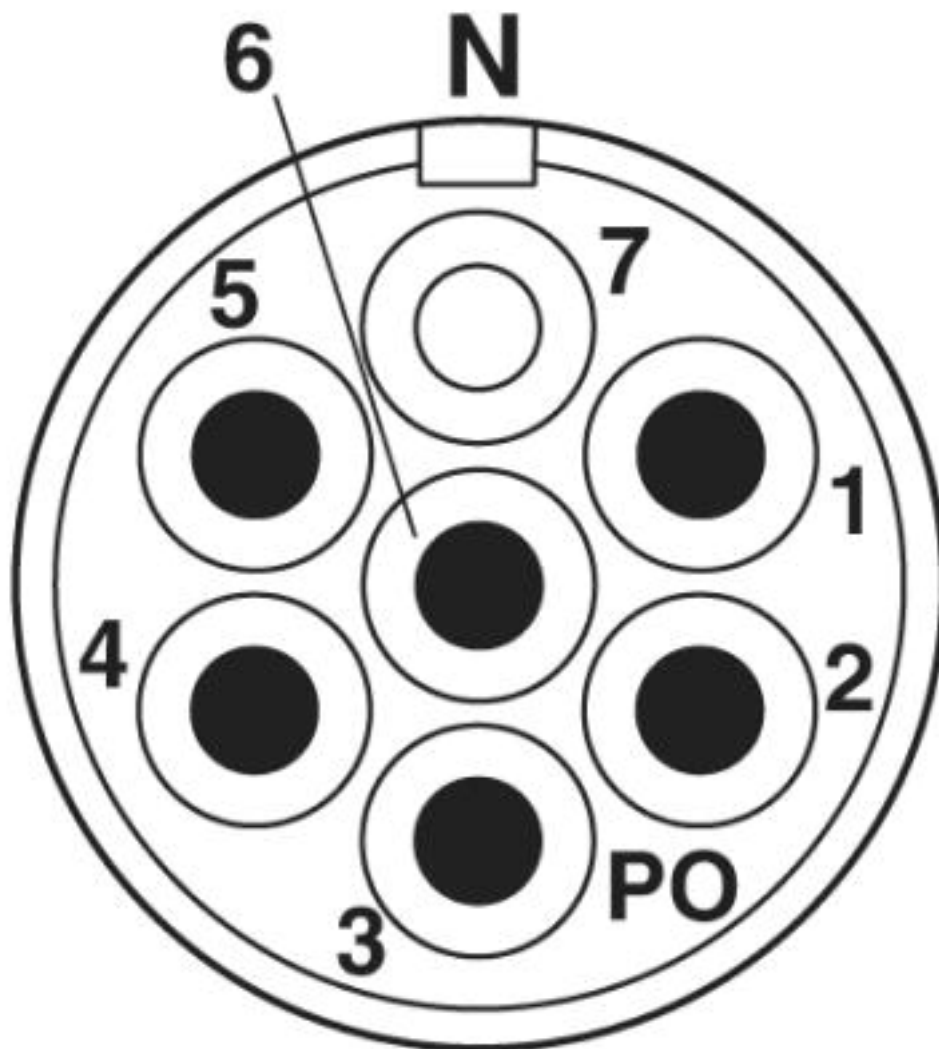
#### Environmental Product Compliance

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

### Drawings

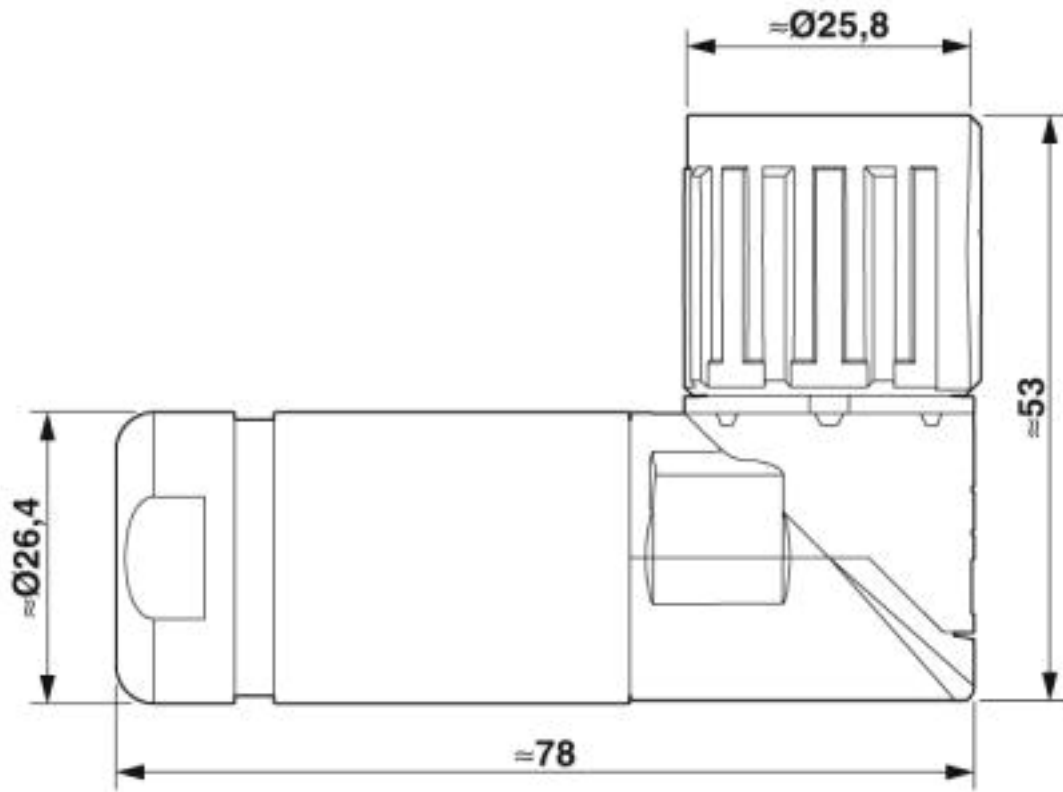
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Schematic diagram



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Dimensional drawing



## Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized


Ex Approvals

## Approval details

|                            |       |  |
|----------------------------|-------|--|
| UL Recognized              |       | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335019-20141210 |
| Nominal voltage UN         | 300 V |  |
| Nominal current IN         | 20 A  |  |
| mm <sup>2</sup> /AWG/kcmil | 14    |  |

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### Approvals

|                            |   |  |
|----------------------------|---|--|
| cUL Recognized             |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335019-20141210 |
| Nominal voltage UN         | 300 V   |  |
| Nominal current IN         | 10 A  |  |
| mm <sup>2</sup> /AWG/kcmil | 14  |  |

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

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