

## Cable connector - CA-09P1N128008S - 1619499

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Cable connector, straight, shielded: Yes, SPEEDCON locking, M23, Number of positions: 8+1, Type of contact: Male connector, Solder connection, Cable diameter: 10 mm ... 14.5 mm

The figure shows the 6-pos. product version

### Product Features



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Weight per Piece (excluding packing) | 100.0 GRM |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

### Technical data

#### Temperature range

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

#### Data of the insulating body

|                                                    |                   |
|----------------------------------------------------|-------------------|
| Insulator material                                 | PBT               |
| Contact material                                   | CuZn              |
| Contact surface material                           | Ni/Au             |
| Direction of rotation of contact chamber numbering | Standard          |
| Coding                                             | N                 |
| Contact connection method                          | Solder connection |
| Type of contacts                                   | Male connector    |
| Number of positions                                | 9                 |
| Contact diameter of power contacts                 | 2 mm              |

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### Technical data

#### Data of the insulating body

|                                                 |                      |
|-------------------------------------------------|----------------------|
| Litz wire cross section of power contacts min.  | 0.08 mm <sup>2</sup> |
| Litz wire cross section of power contacts max.  | 2.5 mm <sup>2</sup>  |
| Nominal current per power contact at 25°C       | 20 A                 |
| Nominal voltage, power contact                  | 300 V                |
| Contact diameter of signal contacts             | 1 mm                 |
| Litz wire cross section of signal contacts min. | 0.08 mm <sup>2</sup> |
| Litz wire cross section of signal contacts max. | 1 mm <sup>2</sup>    |
| Nominal current per signal contact at 25°C      | 8 A                  |
| Nominal voltage, signal contact                 | 300 V                |
| Surge voltage category                          | II                   |
| Pollution degree                                | 3                    |

#### Housing data

|                                        |                  |
|----------------------------------------|------------------|
| Housing material                       | CuZn, GD-Zn      |
| Type of locking                        | SPEEDCON locking |
| Degree of protection (when plugged in) | IP67             |
| Thread type                            | M23              |

#### Cable seal data

|                     |         |
|---------------------|---------|
| Min. cable diameter | 10 mm   |
| Max. cable diameter | 14.5 mm |
| Sealing material    | NBR     |

### 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 |

#### ETIM

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

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### Classifications

#### UNSPSC

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

### Approvals

#### Approvals

#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

|                                                                                                   |       |
|---------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
| mm²/AWG/kcmil                                                                                     | 18    |
| Nominal current I <sub>N</sub>                                                                    | 8 A   |
| Nominal voltage U <sub>N</sub>                                                                    | 300 V |

|                                                                                                    |       |
|----------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
| mm²/AWG/kcmil                                                                                      | 18    |
| Nominal current I <sub>N</sub>                                                                     | 6 A   |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V |

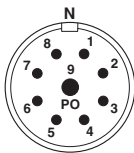
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### Approvals

cULus Recognized  US

### Drawings

Schematic diagram



Dimensional drawing

