

## Coupler connector - CA-09P1N8A9008 - 1620033

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

The figure shows the 6-pos. product version

### Product Features

- 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
- Crimping connection: vibration- and temperature-resistant assembly



### Key Commercial Data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 pc     |
| 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                        | PA 66            |
| Contact connection method                 | Crimp connection |
| Type of contacts                          | Male connector   |
| Number of positions                       | 9                |
| Contact diameter of power contacts        | 1 mm             |
| Nominal current per power contact at 25°C | 8 A              |
| Nominal voltage, power contact            | 300 V            |

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## Technical data

### Data of the insulating body

|                                            |       |
|--------------------------------------------|-------|
| Contact diameter of signal contacts        | 2 mm  |
| Nominal current per signal contact at 25°C | 20 A  |
| Nominal voltage, signal contact            | 300 V |
| 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                        | 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 |

### UNSPSC

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

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## Approvals

Approvals

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Approvals

UL Recognized / cUL Recognized / EAC

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Ex Approvals

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Approvals submitted

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## Approval details

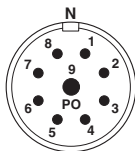
UL Recognized

cUL Recognized

EAC

## Drawings

Schematic diagram



Dimensional drawing

