

## Coupler connector - CA-12F2N8A9503 - 1620005

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Coupling connector, straight, shielded: yes, SPEEDCON locking, M23, Number of positions: 12, Type of contact: Socket, Crimp connection, Cable diameter: 6 mm ... 10 mm



### 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

|   |  |
|---|--|
| Note                                      | Order information Order crimp contacts Ø 1 mm separately |
| Coding                                    | N  |
| Insulator material                        | PA 66  |
| Contact connection method                 | Crimp connection   |
| Type of contacts                          | Socket   |
| Number of positions                       | 12   |
| Contact diameter of power contacts        | 1 mm   |
| Nominal current per power contact at 25°C | 8 A  |
| Nominal voltage, power contact            | 150 V  |
| Overvoltage category                      | III  |
| 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   |

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### Technical data

#### Housing data

|  |      |
|--|------|
| Degree of protection (when plugged in) | IP67 |
| Thread type                            | M23  |

#### Cable seal data

|                     |       |
|---------------------|-------|
| Min. cable diameter | 6 mm  |
| Max. cable diameter | 10 mm |
| Sealing material    | FPM   |

### 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 |

### Approvals

#### Approvals

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Approvals

UL Recognized / cUL Recognized / EAC

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## Approvals

Ex Approvals

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Approvals submitted

## Approval details

UL Recognized 

cUL Recognized 

EAC

## Drawings

Schematic diagram



Contact chamber numbering (view of plug-in side),  
socket counter direction

Dimensional drawing

