

## Coupler connector - ST-08P1N8A9005S - 1619013

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Coupler connector, straight, SPEEDCON locking, M17, Number of positions: 8, Type of contact: Male connector, Crimp connection, shielded: yes, Cable diameter: 10 mm...12.5 mm

The figure shows the 17-pos. product version

### Product Features

- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly
- Flexible use: reliably connect various cable diameters



### Key Commercial Data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 pc     |
| Custom tariff number | 85444290 |
| Country of origin    | Germany  |

### Technical data

#### General

|  |                   |
|--|-------------------|
| Type of locking                                    | SPEEDCON locking  |
| Direction of rotation of contact chamber numbering | Standard          |
| Coding   | N                 |
| Contact connection method                          | Crimp connection  |
| Type of contacts                                   | Male connector    |
| Number of positions                                | 8                 |
| Contact diameter of power contacts                 | 1 mm              |
| Nominal current per power contact at 25°C          | 3.6 A             |
| Conductor entry                                    | 10 mm ... 12.5 mm |
| Pg housing screw connection                        | none              |

#### Ambient conditions

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## Technical data

### Ambient conditions

|                      |                   |
|----------------------|-------------------|
| Ambient temperature  | -40 °C ... 125 °C |
| Degree of protection | IP67              |

### Specifications according to DIN EN 61984:2001

|   |        |
|---|--------|
| Installation height max.                      | 3000 m |
| Nominal / operating voltage of power contacts | 60 V   |
| Rated surge voltage of power contacts         | 1.5 kV |
| Overvoltage category of power contacts        | II     |
| Degree of pollution of power contacts         | 3      |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| 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

Approvals

cUL Recognized / UL Recognized / EAC / cULus Recognized

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Ex Approvals


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Approvals submitted


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## Approval details

|  |      |
|--|------|
| cUL Recognized  |      |
|  |      |
| Nominal current IN   | 5 A  |
| Nominal voltage UN   | 60 V |

|   |      |
|---|------|
| UL Recognized  |      |
|   |      |
| Nominal current IN  | 5 A  |
| Nominal voltage UN  | 60 V |

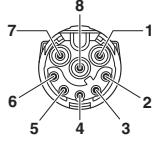
|     |
|-----|
| EAC |
|-----|

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

## Drawings

## Coupler connector - ST-08P1N8A9005S - 1619013

Schematic diagram



Connector pin assignment

Dimensional drawing

