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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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

## Coupler connector - ST-08P1N8A9005S - 1619013

### 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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## Coupler connector - ST-08P1N8A9005S - 1619013

### 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 I <sub>N</sub>                                                                   | 5 A  |
| Nominal voltage U <sub>N</sub>                                                                   | 60 V |

|                                                                                                   |      |
|---------------------------------------------------------------------------------------------------|------|
| UL Recognized  |      |
|                                                                                                   |      |
| Nominal current I <sub>N</sub>                                                                    | 5 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 60 V |

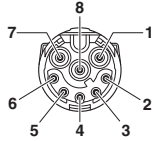
|     |
|-----|
| EAC |
|-----|

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

### Drawings

## Coupler connector - ST-08P1N8A9005S - 1619013

Schematic diagram



Connector pin assignment

Dimensional drawing

