

## Coupler connector - ST-17P1N8A9K02S - 1613497

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Coupler connector, straight, SPEEDCON locking, M17, Number of positions: 17, Type of contact: Male connector, Crimp connection, shielded: yes, Cable diameter: 3.5 mm...5.5 mm

The figure shows the 8-pos. product version

### Product Features

- Reduced size: ideal for compact devices
- 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 | 85366990 |
| Country of origin    | Germany  |

### Technical data

#### General

|  |   |
|--|---|
| Note   | Order information: Order crimp contacts Ø 0.6 mm separately |
| 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                                | 17  |
| Contact diameter of power contacts                 | 0.6 mm  |
| Nominal current per power contact at 25°C          | 3.6 A   |
| Conductor entry                                    | 3.5 mm ... 5.5 mm   |

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## Technical data

### General

|                             |      |
|-----------------------------|------|
| Pg housing screw connection | none |
|-----------------------------|------|

### 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 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| 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

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

## Approval details

|                                |          |
|--------------------------------|----------|
| UL Recognized                  |          |
| mm <sup>2</sup> /AWG/kcmil     | 0.14-0.6 |
| Nominal current I <sub>N</sub> | 1 A      |
| Nominal voltage U <sub>N</sub> | 60 V     |

|                                |          |
|--------------------------------|----------|
| cUL Recognized                 |          |
| mm <sup>2</sup> /AWG/kcmil     | 0.14-0.6 |
| Nominal current I <sub>N</sub> | 1 A      |
| Nominal voltage U <sub>N</sub> | 60 V     |

EAC

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

## Drawings

## Coupler connector - ST-17P1N8A9K02S - 1613497

Schematic diagram



Connector pin assignment

Dimensional drawing

