

## Device connector, front mounting - ST-8ES1N8AA500S - 1620453

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Device connector, front mounting, angled rotatable, SPEEDCON locking, M17, Number of positions: 5+3+PE, Type of contact: Socket, Crimp connection, Axial O-ring, 4x Ø 3.2, shielded: yes, Flange dimensions: 25.75 mm x 25.75 mm


The figure shows the 8-pos. version with sockets

### Why buy this product

- Easy connection, thanks to infinitely adjustable cable outlet direction up to 310°
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly



### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 STK   |
| GTIN         | <br>4 046356 828437 |
| GTIN         | 4046356828437   |

### Technical data

#### General

|  |   |
|--|---|
| Note   | Order information: Order crimp contacts 5 x 0.6 mm, 4 x Ø 1 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                                   | Socket  |
| Number of positions                                | 9   |
| Contact diameter of power contacts                 | 1 mm  |
| Nominal current per power contact at 25°C          | 14 A  |
| Contact diameter of signal contacts                | 0.6 mm  |
| Nominal current per signal contact at 25°C         | 3.6 A   |

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## Technical data

### General

|                             |          |
|-----------------------------|----------|
| Pg housing screw connection | none     |
| Mounting type               | 4x Ø 3.2 |

### 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  | 630 V  |
| Rated surge voltage of power contacts          | 6 kV   |
| Overvoltage category of power contacts         | III    |
| Degree of pollution of power contacts          | 3      |
| Nominal / operating voltage of signal contacts | 60 V   |
| Rated surge voltage of signal contacts         | 1.5 kV |
| Overvoltage category of signal contacts        | III    |
| Degree of pollution of signal contacts         | 3      |

### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

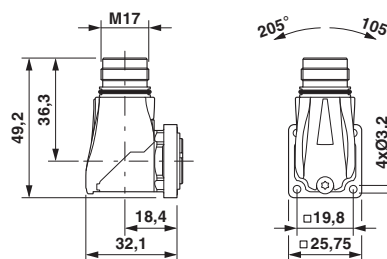
## Drawings

Schematic diagram



Connector pin assignment

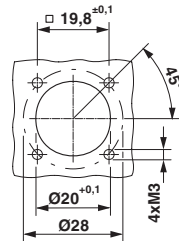
Dimensional drawing



Dimensional drawing

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Schematic diagram



Drill holes

## Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

## Approval details

|                                |       |   |               |
|--------------------------------|-------|---|---------------|
| UL Recognized                  |       | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 335019 |
| mm <sup>2</sup> /AWG/kcmil     | 0.5   |   |               |
| Nominal current I <sub>N</sub> | 3.5 A |   |               |
| Nominal voltage U <sub>N</sub> | 600 V |   |               |

|                                |       |   |               |
|--------------------------------|-------|---|---------------|
| cUL Recognized                 |       | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 335019 |
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|     |  |         |
|-----|--|---------|
| EAC |  | B.01742 |
|-----|--|---------|

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### Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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