

## Device connector, front mounting - ST-08P1N8AA500S - 1620456

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Device connector, front mounting, angled rotatable, SPEEDCON locking, M17, Number of positions: 8, Type of contact: Male connector, Crimp connection, Axial O-ring, 4x Ø3.2, shielded: yes, Flange dimensions: 25.75 mm x 25.75 mm

### Product Features

- 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 pc
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	Order information: Order 8 x Ø 1 mm crimp contacts 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	8
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	3.6 A
Pg housing screw connection	none
Mounting type	4x Ø3.2

#### Ambient conditions

## Device connector, front mounting - ST-08P1N8AA500S - 1620456

### 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	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002061

#### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

### Approvals

#### Approvals

## Device connector, front mounting - ST-08P1N8AA500S - 1620456

### 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

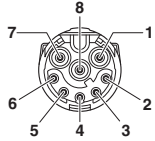
EAC
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cULus Recognized 
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### Drawings

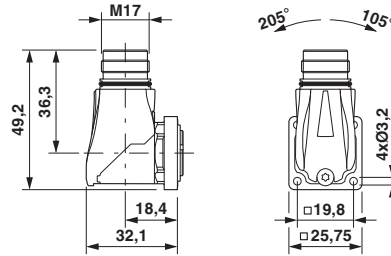
# Device connector, front mounting - ST-08P1N8AA500S - 1620456

Schematic diagram



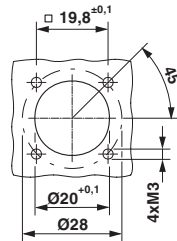
Connector pin assignment

Dimensional drawing



Dimensional drawing

Schematic diagram



Installation dimensions