

## Coupler connector - ST-8EP1N8A9003S - 1613606

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Coupler connector, straight, SPEEDCON locking, M17, Number of positions: 5+3+PE, Type of contact: Male connector, Crimp connection, shielded: yes, Cable diameter: 5 mm...8 mm

The figure shows the 4-pos. (3+PE) product version

### Why buy this product

- 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 STK
GTIN	
GTIN	4046356442138

### 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	Male connector
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

Conductor entry	5 mm ... 8 mm
Pg housing screw connection	none

### Ambient conditions

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

### Material

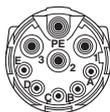
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
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### Specifications according to DIN EN 61984:2001

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

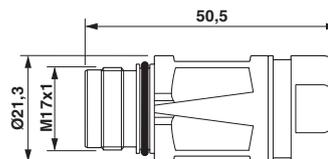
## Drawings

Schematic diagram



Connector pin assignment

Dimensional drawing



## Approvals

### Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

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## 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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