

## Cable connector - ST-8EP1N8A8005 - 1624636

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Cable connector, straight, Screw locking, M17, number of positions: 5+3+PE, type of contact: Pin, Crimp connection, shielded: Yes, cable diameter range: 10 mm ... 12.5 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
- ✓ Molded designs with pre-assembled cables on one or both sides



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 623032
GTIN	4046356623032

### Technical data

#### General

Note	Order information: Order crimp contacts 5 x 0.6 mm, 4 x Ø 1 mm separately
Type of locking	Screw locking
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Crimp connection
Type of contacts	Pin
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

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## Technical data

### General

Nominal current per signal contact at 25°C	3.6 A
Conductor entry	10 mm ... 12.5 mm
Pg housing screw connection	none

### Ambient conditions

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

### Specifications according to DIN EN 61984:2001

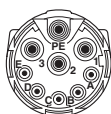
Installation height max.	3000 m
Nominal / operating voltage of power contacts	630 V
Rated surge voltage of power contacts	6 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3
Nominal / operating voltage of signal contacts	60 V
Rated surge voltage of signal contacts	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"

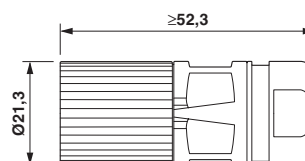
## Drawings

Schematic diagram



Connector pin assignment

Dimensional drawing



## Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized


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### Approvals

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
mm²/AWG/kcmil		20	
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
mm²/AWG/kcmil		20	
Nominal current I <sub>N</sub>		3.5 A	
Nominal voltage U <sub>N</sub>		600 V	

EAC		B.01742
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cULus 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>
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