

## Coupler connector - ST-6ES1N8A9K03S - 1618709

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Coupler connector, straight, for standard and SPEEDCON interlock, M17, number of positions: 6+PE, type of contact: Socket, Crimp connection, shielded: yes, cable diameter range: 5 mm ... 9.2 mm

The figure shows the 4-position version

### Your advantages

- 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
GTIN	
GTIN	4046356811101

### Technical data

#### General

Note	Order information: Order crimp contacts Ø 1 mm separately
Type of locking	for standard and SPEEDCON interlock
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Crimp connection
Type of contacts	Socket
Number of positions	7
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	14 A
Contact diameter of signal contacts	1 mm
Conductor entry	5 mm ... 9.2 mm

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## Technical data

### General

Pg housing screw connection	none
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### 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

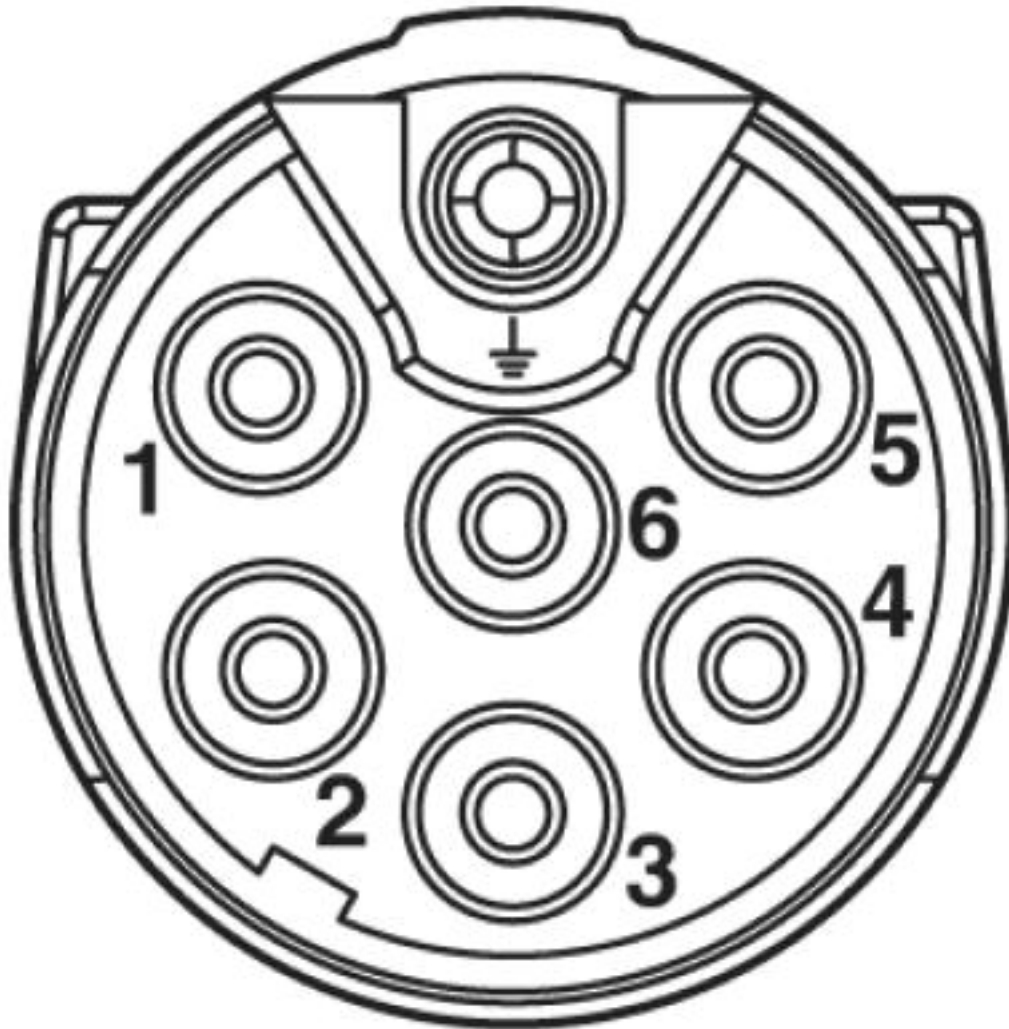
### Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

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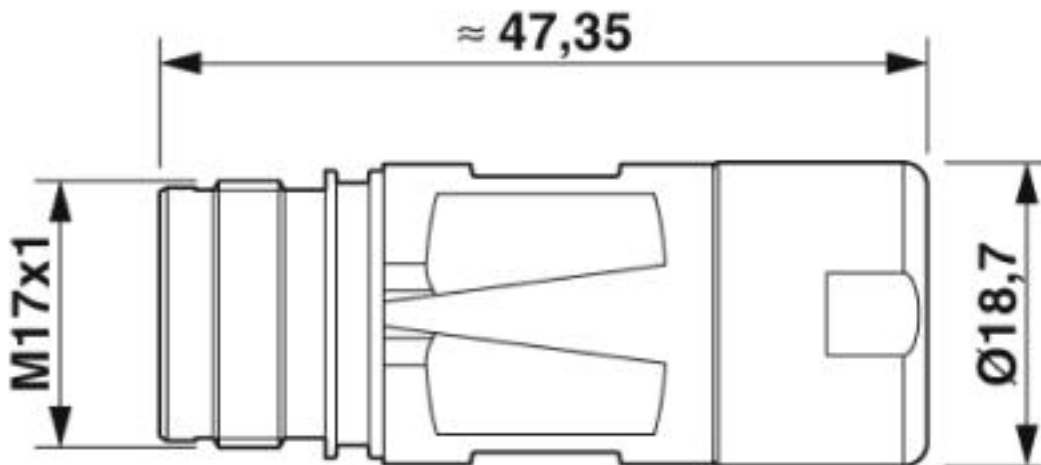
Schematic diagram



Connector pin assignment

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Dimensional drawing



## Approvals

Approvals

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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
Nominal voltage UN	600 V		
Nominal current IN	6 A		
mm <sup>2</sup> /AWG/kcmil	18		

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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