

## Cable connector - ST-08S1N8A8K04S - 1613372

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Cable connector, straight, SPEEDCON locking, M17, Number of positions: 8, Type of contact: Socket, Crimp connection, shielded: yes, Cable diameter: 9 mm...11.2 mm

### Why buy this product

- ✓ 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 STK
Weight per Piece (excluding packing)	40.000 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	Order information: Order crimp contacts 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	8
Contact diameter of power contacts	1 mm

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## Technical data

### General

Nominal current per power contact at 25°C	8 A
Conductor entry	9 mm ... 11.2 mm
Pg housing screw connection	none

### Ambient conditions

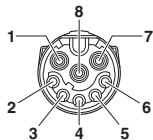
Ambient temperature	-40 °C ... 125 °C
Degree of protection	IP67

### Specifications according to DIN EN 61984:2001

Installation height max.	3000 m
Nominal / operating voltage of power contacts	60 V
Rated surge voltage of power contacts	1.5 kV
Overvoltage category of power contacts	II
Degree of pollution of power contacts	3

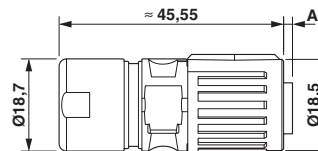
## Drawings

Schematic diagram



Connector pin assignment

Dimensional drawing



Dimensional drawing

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

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## Classifications

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002635

### UNSPSC

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

## Approvals


### Approvals


#### Approvals

cUL Recognized / UL Recognized / EAC / cULus Recognized

#### Ex Approvals

### Approval details


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	
Nominal current IN	5 A
Nominal voltage UN	60 V

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 current IN	5 A
Nominal voltage UN	60 V

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### Approvals

EAC B.01742

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

### Accessories

#### Accessories

#### Crimp contact

Crimp contact - ST-10KS010 - 1618239



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.06 mm<sup>2</sup>...0.25 mm<sup>2</sup>

Crimp contact - ST-10KS020 - 1618251



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.34 mm<sup>2</sup>...0.5 mm<sup>2</sup>

Crimp contact - ST-10KS030 - 1618254



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.5 mm<sup>2</sup>...1 mm<sup>2</sup>

Crimp contact - SF-10KS320 - 1607031



Crimp contact, Rolled, Taped articles, Number of pieces per reel: 2500, Contact diameter: 1 mm, Crimp range: 0.06 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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### Accessories

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#### Crimp contact - SF-10KS350 - 1607032



Crimp contact, Rolled, Taped articles, Number of pieces per reel: 2500, Contact diameter: 1 mm, Crimp range: 0.2 mm<sup>2</sup>...0.56 mm<sup>2</sup>

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#### Crimp contact - SF-10KS330 - 1607358



Crimp contact, Rolled, Taped articles, Number of pieces per reel: 10000, Contact diameter: 1 mm, Crimp range: 0.06 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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#### Crimp contact - SF-10KS360 - 1607361



Crimp contact, Rolled, Taped articles, Number of pieces per reel: 10000, Contact diameter: 1 mm, Crimp range: 0.2 mm<sup>2</sup>...0.56 mm<sup>2</sup>

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### Mounting material

#### Color-coding - ST-Z0016 - 1617993



Color-coding, Color: green

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#### Color-coding - ST-Z0017 - 1618049



Color-coding, Color: orange

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### Accessories

Color-coding - ST-Z0018 - 1618050



Color-coding, Color: black

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### Protective cover

Plastic dust protection cap - ST-Z0024 - 1621904



Plastic dust protection cap for connectors with M17 Compact knurled nuts and M17 Compact SPEEDCON knurled nuts