

## Cable connector - SF-5ES1N8A80A2S - 1618195

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Cable connector, straight short, SPEEDCON locking, M23, number of positions: 5+PE, type of contact: Socket, Crimp connection, shielded: yes, cable diameter range: 9 mm ... 11 mm

The figure shows the 4+3+PE 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 pc
GTIN	 4 046356 584432
GTIN	4046356584432

### Technical data

#### General

Note	Order information: Order crimp contacts 6 x Ø 2 mm separately
Type of locking	SPEEDCON locking
Coding	N
Contact connection method	Crimp connection
Type of contacts	Socket
Number of positions	6
Nominal current per power contact at 25°C	30 A
Contact diameter of signal contacts	2 mm
Conductor entry	9 mm ... 11 mm
Pg housing screw connection	none

#### Ambient conditions

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### Technical data

#### Ambient conditions

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

#### Specifications according to DIN EN 61984:2001

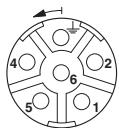
Installation height max.	3000 m
Rated surge voltage of power contacts	6 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3
Rated surge voltage of signal contacts	6 kV
Overvoltage category of signal contacts	III
Degree of pollution of signal contacts	3

#### Environmental Product Compliance

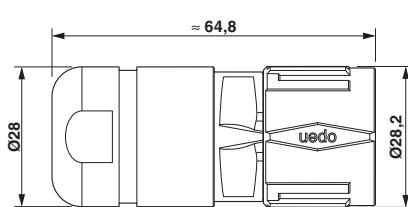
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"	

### Drawings

Schematic diagram



Dimensional drawing



Connector pin assignment

Dimensional drawing

### Approvals

#### Approvals

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#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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#### Ex Approvals

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#### Approval details

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### Approvals

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> E153698-20041116
Nominal voltage UN		600 V
Nominal current IN		27 A
mm <sup>2</sup> /AWG/kcmil		12

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> E153698-20041116
Nominal voltage UN		600 V
Nominal current IN		18 A
mm <sup>2</sup> /AWG/kcmil		12

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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