

## Cable connector - SH-8ESS48A8LB4S - 1621525

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Cable connector, straight long, shielded: Yes, SPEEDCON locking, M23, No. of pos.: 8+4+PE / 3+N+PE, type of contact: Socket, Crimp connection, cable diameter range: 7.5 mm ... 9 mm

The figure shows the product version with CAT5 interface

### Why buy this product

- All housing can be fitted with pin or socket contacts
- A total of eight contacts are available for signal transmission
- Reduced connection time with optional SPEEDCON fast locking system
- Safe use in the field, thanks to high degree of protection
- Consistent EMC protection for reliable connection solutions in the industrial environment



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 936484
GTIN	4046356936484

### Technical data

#### Temperature range

Ambient temperature (operation)	-40 °C ... 130 °C
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#### Data of the insulating body

Note	Order information: Crimp contacts, 8 x Ø 1 mm, 5 x Ø 2 mm, order separately
Coding	N
Insulator material	Polyamide (PA 6.6)
Insertion/withdrawal cycles mechanical	100
Contact connection method	Crimp connection
Type of contacts	Socket
Application	Hybrid

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## Technical data

### Data of the insulating body

Number of positions	13
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.25 mm <sup>2</sup>
Litz wire cross section of power contacts max.	4 mm <sup>2</sup>
Nominal current per power contact at 25°C	30 A
Nominal voltage, power contact	630 V AC
Rated surge voltage	6 kV
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.06 mm <sup>2</sup>
Litz wire cross section of signal contacts max.	1 mm <sup>2</sup>
Nominal current per signal contact at 25°C	8 A
Nominal voltage, signal contact	50 V
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

### Housing data

Note	Notes on operation Full occupation with 5 x 4 mm <sup>2</sup> for cable and coupler connectors not possible.
Housing material	Metal
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
	IP68
Thread type	M23

### Cable seal data

Cable diameter	7.5 mm ... 9 mm
Sealing material	FKM

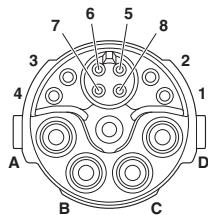
### Environmental Product Compliance

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

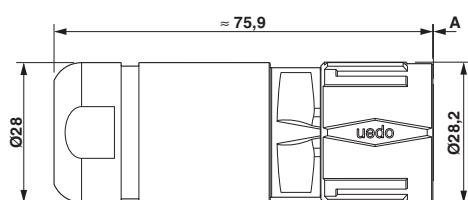
### Drawings

## Cable connector - SH-8ESS48A8LB4S - 1621525

Schematic diagram



Dimensional drawing



Socket pin assignment, signal

Pin version: dimension A = 0.2 mm, socket version: dimension A = 0 mm

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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#### Approval details

EAC



B.01742

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