

## Cable connector - SH-8EPC58A8LB3S - 1621531

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Cable connector, straight long, shielded: yes, SPEEDCON locking, M23, Number of positions: 4+4+4+PE, Type of contact: Male connector, Crimp connection, Cable diameter: 9 mm ... 12 mm

### Why buy this product

- Transmission of signals, data, and power in just a single connector
- CAT5 data interface
- 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 936545
Weight per Piece (excluding packing)	111.11 g
Weight per piece (including packing)	134.4 g
Country of origin	Germany
Note	Made to Order (non-returnable)

### 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, 4x Ø 0.8 mm, 4x Ø 1 mm, 5x Ø 2 mm, order separately
Coding	N
Insulator material	Polyamide (PA 6.6)
Insertion/withdrawal cycles mechanical	100
Contact connection method	Crimp connection

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## Technical data

### Data of the insulating body

Type of contacts	Male connector
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
	850 V DC
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
Contact diameter, data contacts	0.8 mm
Litz wire cross section, data contacts, min.	0.08 mm <sup>2</sup>
Litz wire cross section, data contacts, max.	0.5 mm <sup>2</sup>
Nominal current per data contact at 25°C	3.6 A
Nominal voltage of data contact	50 V
Overvoltage category	III
Degree of pollution	3

### Housing data

Housing material	Metal
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
	IP68
Thread type	M23

### Cable seal data

Min. cable diameter	9 mm
Max. cable diameter	12 mm

## Classifications

### eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27260702
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

### ETIM

ETIM 4.0	EC002635
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## Approvals

Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

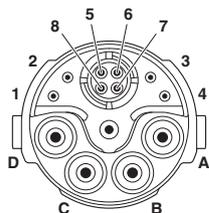
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## Approval details

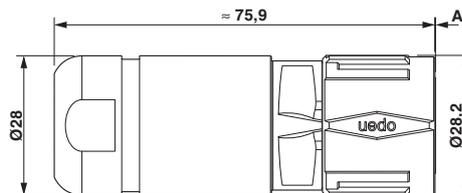
EAC
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## Drawings

Schematic diagram



Dimensional drawing



Pin assignment of pin, CAT5

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

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