

Cable connector - SH-8ESS48A8LB2S - 1621527

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Cable connector, straight long, shielded: yes, SPEEDCON locking, M23, Number of positions: 8+4+PE / 3+N+PE, Type of contact: Socket, Crimp connection, Cable diameter: 12 mm ... 15 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 936507
GTIN	4046356936507

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
Number of positions	13

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Technical data

Data of the insulating body

Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.25 mm ²
Litz wire cross section of power contacts max.	4 mm ²
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 ²
Litz wire cross section of signal contacts max.	1 mm ²
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 ² 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

Min. cable diameter	12 mm
Max. cable diameter	15 mm

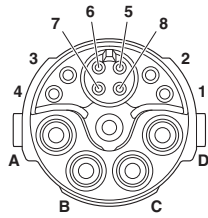
Environmental Product Compliance

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

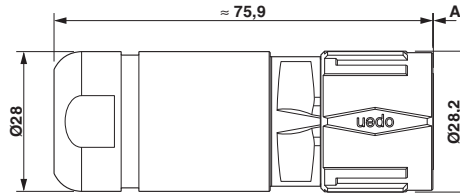
Drawings

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Schematic diagram



Dimensional drawing



Socket pin assignment, signal

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
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