

Coupler connector - SH-8EPS48A9LB2S - 1621557

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The figure shows the product version with CAT5 interface

Coupling connector, straight long, shielded: yes, Screw locking, M23, Number of positions: 8+4+PE, Type of contact: Male connector, Crimp connection, Cable diameter: 12 mm ... 15 mm

Why buy this product

- All housing can be fitted with pin or socket contacts
- A total of eight contacts are available for signal transmission
- 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 937054
Weight per Piece (excluding packing)	113.0 g
Weight per piece (including packing)	113.0 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, 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	Male connector
Number of positions	13
Contact diameter of power contacts	2 mm

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Technical data

Data of the insulating body

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
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
Overvoltage category	III
Degree of pollution	3

Housing data

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw 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

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
ETIM 5.0	EC002635

Approvals

Approvals

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EAC

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Approvals

Ex Approvals

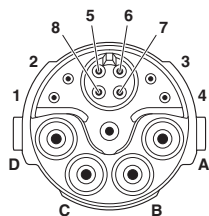
Approvals submitted

Approval details

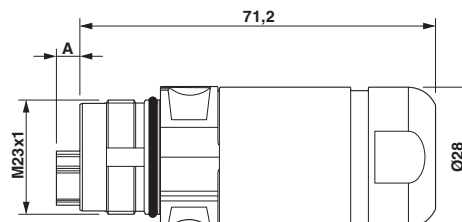
EAC

Drawings

Schematic diagram



Dimensional drawing



Pin assignment of pin, signal

Pin version: dimension A = 4.7 mm, socket version: dimension A = 0 mm

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