

Coupler connector - SH-8EPS48A9LDLS - 1621554

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Coupling connector, straight long, shielded: yes, Screw locking, M23, Number of positions: 8+4+PE / 3+N +PE, Type of contact: Pin, Crimp connection, Cable diameter: 7.5 mm ... 18 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
- 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 | |
| GTIN | 4046356937023 |
| Weight per Piece (excluding packing) | 111.110 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Temperature range

| | |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 130 °C |
|---------------------------------|-------------------|

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 |

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Technical data

Data of the insulating body

| | |
|---|----------------------|
| Contact connection method | Crimp connection |
| Type of contacts | Pin |
| Number of positions | 13 |
| 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 | 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 | 7.5 mm |
| Max. cable diameter | 18 mm |

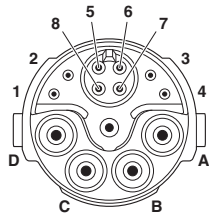
Environmental Product Compliance

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

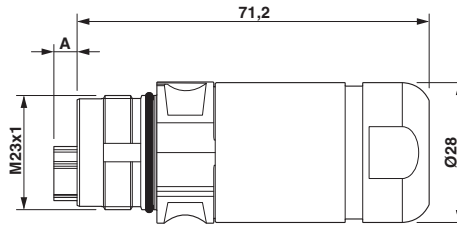
Drawings

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Schematic diagram



Dimensional drawing



Pin assignment of pin, signal

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|--|---------|
| EAC | | B.01742 |
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