

## Device connector, front mounting - SH-8EPS48AWA00S - 1621570

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Device connector for front wall, straight, shielded: Yes, Screw locking, M23, No. of pos.: 8+4+PE / 3+N+PE, type of contact: Pin, Crimp connection, Axial O-ring, 4x Ø 3.2, flange dimensions: 26 mm x 26 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

**RoHS**

### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 STK   |
| GTIN         | <br>4 046356 937184 |
| GTIN         | 4046356937184   |

### 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   |
| Contact connection method              | Crimp connection  |
| Type of contacts                       | Pin   |
| Application                            | Hybrid  |
| 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 <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

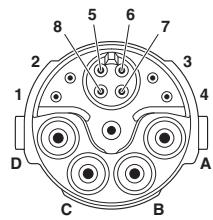
|  |  |
|--|--|
| Housing material                       | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Flange dimensions                      | 26 mm x 26 mm  |
| Type of locking                        | Screw locking  |
| Degree of protection (when plugged in) | IP67   |
|  | IP68   |
| Thread type                            | M23  |

### Environmental Product Compliance

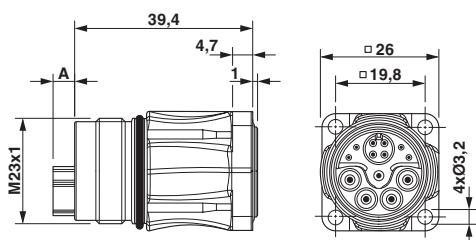
|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Schematic diagram



Dimensional drawing

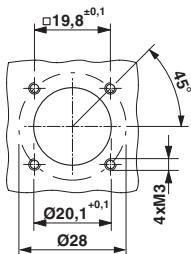


Pin assignment of pin, signal

Pin version: dimension A = 4.75 mm, socket version: dimension A = 0 mm

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Dimensional drawing



Installation dimensions

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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#### Approval details

EAC



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