

## Device connector, front mounting - SH-8EPS48AAC00S - 1621562

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The figure shows the product version with CAT5 interface

Device connector for front wall, angled rotatable, SPEEDCON locking, M23, Number of positions: 8+4+PE / 3+N+PE, Type of contact: Pin, Crimp connection, Axial O-ring, 4x Ø 3.2, Flange dimensions: 28 mm x 28 mm

### Why buy this product

- Easy connection, thanks to infinitely adjustable cable outlet direction up to 310°
- 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                                 | 4046356937108                  |
| Weight per Piece (excluding packing) | 140.000 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)  |

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### Technical data

#### Data of the insulating body

|   |                      |
|---|----------------------|
| Insertion/withdrawal cycles mechanical          | 100                  |
| 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 <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                      | 28 mm x 28 mm  |
| Type of locking                        | SPEEDCON locking   |
| Degree of protection (when plugged in) | IP67   |
|  | IP68   |
| Thread type                            | M23  |

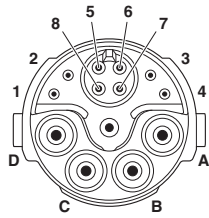
#### Environmental Product Compliance

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

### Drawings

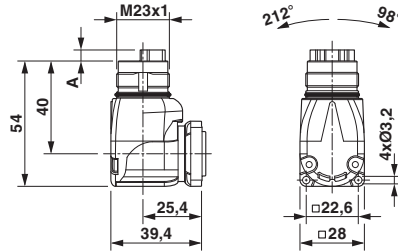
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Schematic diagram



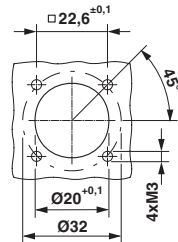
Pin assignment of pin, signal

Dimensional drawing



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

Dimensional drawing



Installation dimensions

## Approvals

Approvals

Approvals

EAC

Ex Approvals

## Approval details

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