

Device connector, front mounting - SF-5EP1N8AAK00 - 1605515

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Device connector, front mounting, angled fixed, increased flange dimension, Screw locking, M23, Number of positions: 5+PE, Type of contact: Male connector, Crimp connection, Axial O-ring, 4xØ3,2, Shielded: Yes, Flange dimensions: 28 mm x 28 mm, Cable cross section: 0 mm...0 mm

The figure shows the 8-pos.
(4+3+PE) product version



Key commercial data

| | |
|--------------------------------------|------------|
| Packing unit | 1 1 |
| Weight per Piece (excluding packing) | 123.15 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

General

| | |
|--|--|
| Note | Order information Order crimp contacts 6 x Ø 2 mm separately |
| Type of locking | Screw locking |
| Coding | N |
| Contact connection method | Crimp connection |
| Type of contacts | Male connector |
| Number of positions | 6 |
| Contact diameter of power contacts | 2 mm |
| Nominal current per power contact at 25°C | 30 A |
| Contact diameter of signal contacts | 2 mm |
| Nominal current per signal contact at 25°C | 9 A |
| Conductor entry | 0 mm ... 0 mm |
| Mounting type | 4xØ3,2 |

Ambient conditions

| | |
|---------------------|-------------------|
| Ambient temperature | -20 °C ... 125 °C |
|---------------------|-------------------|

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Technical data

Ambient conditions

| | |
|----------------------|------|
| Degree of protection | IP67 |
|----------------------|------|

Material

| | |
|----------------------------|--|
| Housing material | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Insulator material | PA 66 |
| Gasket and O-ring material | FPM |

Specifications according to DIN EN 61984:2001

| | |
|--|--------|
| Installation height max. | 3000 m |
| Nominal / operating voltage of power contacts | 630 V |
| Rated surge voltage of power contacts | 6 kV |
| Surge voltage category of power contacts | III |
| Pollution degree of power contacts | 3 |
| Nominal / operating voltage of signal contacts | 250 V |
| Rated surge voltage of signal contacts | 4 kV |
| Surge voltage category of signal contacts | III |
| Pollution degree of signal contacts | 3 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260708 |
| eCl@ss 7.0 | 27440312 |
| eCl@ss 8.0 | 27440312 |

ETIM

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|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC002635 |

UNSPSC

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|---------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |

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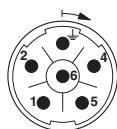
Classifications

UNSPSC

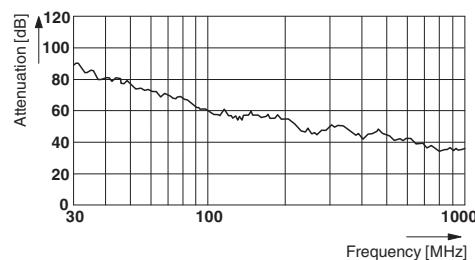
| | |
|-------------|----------|
| UNSPSC 13.2 | 43201404 |
|-------------|----------|

Drawings

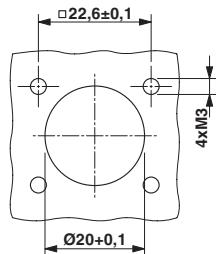
Schematic diagram



Diagram



Dimensioned drawing



Dimensioned drawing

