

Device connector, front mounting - SF-7EP1N8AA600 - 1620662

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Device connector, front mounting, angled rotatable, for standard and SPEEDCON interlock, M23, number of positions: 4+3+PE, type of contact: Pin, Crimp connection, Axial O-ring, 4x Ø 3.2, shielded: yes, flange dimensions: 28 mm x 28 mm, Compatible with mating connectors with SPEEDCON or M23 standard knurled nuts

Your advantages

- ✓ Easy connection, thanks to infinitely adjustable cable outlet direction up to 310°
- ✓ Consistent EMC protection for reliable connection solutions in the industrial environment
- ✓ Crimping connection: vibration- and temperature-resistant assembly

RoHS

Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4046356840996 |

Technical data

General

| | |
|--|---|
| Note | Order information: Order crimp contacts 4 x Ø 1 mm, 4 x Ø 2 mm separately |
| Type of locking | for standard and SPEEDCON interlock |
| Coding | N |
| Contact connection method | Crimp connection |
| Type of contacts | Pin |
| Number of positions | 8 |
| Contact diameter of power contacts | 2 mm |
| Nominal current per power contact at 25°C | 30 A |
| Contact diameter of signal contacts | 1 mm |
| Nominal current per signal contact at 25°C | 9 A |
| Pg housing screw connection | none |
| Mounting type | 4x Ø 3.2 |

Device connector, front mounting - SF-7EP1N8AA600 - 1620662

Technical data

Ambient conditions

| | |
|----------------------|-------------------|
| Ambient temperature | -40 °C ... 125 °C |
| Degree of protection | IP67 |

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 |
| Overvoltage category of power contacts | III |
| Degree of pollution of power contacts | 3 |
| Nominal / operating voltage of signal contacts | 250 V |
| Rated surge voltage of signal contacts | 4 kV |
| Overvoltage category of signal contacts | III |
| Degree of pollution of signal contacts | 3 |

Environmental Product Compliance

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

Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

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

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>