

## Device connector, front mounting with knurled nut - SM-5ES1N8AYW00 - 1607532

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://download.phoenixcontact.com>)



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

Device connector, front mounting with knurled nut, angled fixed, Screw locking, M40, Number of positions: 2+3+PE, Type of contact: Socket, Crimp connection, Axial O-ring, 4x Ø4,2, Shielded: Yes, Flange dimensions: 40 mm x 40 mm



### Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	288.35 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	Order information Order crimp contacts 2 x Ø 2 mm, 4 x Ø 3.6 mm separately
Type of locking	Screw locking
Coding	N
Contact connection method	Crimp connection
Type of contacts	Socket
Contact diameter of power contacts	3.6 mm
Nominal current per power contact at 25°C	70 A
Contact diameter of signal contacts	2 mm
Nominal current per signal contact at 25°C	30 A
Mounting type	4x Ø4,2

#### Ambient conditions

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

# Device connector, front mounting with knurled nut - SM-5ES1N8AYW00 - 1607532

## 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

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002635

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404

## Device connector, front mounting with knurled nut - SM-5ES1N8AYW00 - 1607532

### Classifications

#### UNSPSC

UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

### Accessories

#### Accessories

##### Crimp contact

Crimp contact - SM-36KS001 - 1605756



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 1 mm²...2.5 mm²

Crimp contact - SM-36KS002 - 1605758



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 2.5 mm²...4 mm²

Crimp contact - SM-36KS003 - 1605760



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 4 mm²...6 mm²

Crimp contact - SM-36KS004 - 1605762



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 6 mm²...10 mm²

## Device connector, front mounting with knurled nut - SM-5ES1N8AYW00 - 1607532

### Accessories

---

Crimp contact - SF-7PS2000 - 1605636



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 0.25 mm<sup>2</sup>...1 mm<sup>2</sup>

---

Crimp contact - SF-7NS2000 - 1605631



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 0.75 mm<sup>2</sup>...1.5 mm<sup>2</sup>

---

Crimp contact - SF-7QS2000 - 1605643



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 1 mm<sup>2</sup>...2.5 mm<sup>2</sup>

---

Crimp contact - SF-7MS2000 - 1605628



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 4 mm<sup>2</sup>...4 mm<sup>2</sup>

---

### Mounting material

## Device connector, front mounting with knurled nut - SM-5ES1N8AYW00 - 1607532

### Accessories

Color-coding - SM-Z0028 - 1620627



Color-coding, Color: green

Color-coding - SM-Z0029 - 1620628



Color-coding, Color: orange

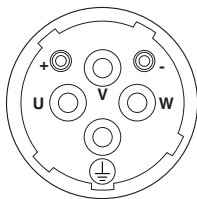
Color-coding - SM-Z0030 - 1620629



Color-coding, Color: black

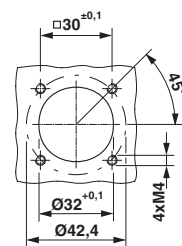
### Drawings

Schematic diagram



Connector pin assignment

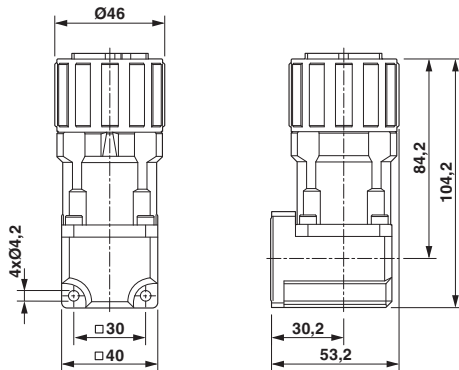
Dimensioned drawing



Installation dimensions

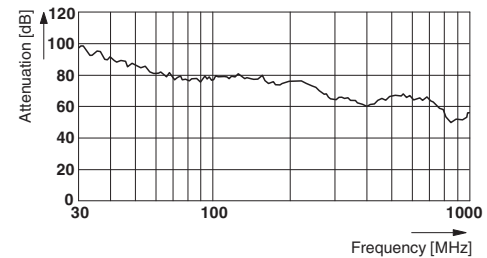
## Device connector, front mounting with knurled nut - SM-5ES1N8AYW00 - 1607532

Dimensioned drawing



Dimensional drawing

Diagram



单击下面可查看定价，库存，交付和生命周期等信息

[>>Phoenix Contact\(菲尼克斯\)](#)