

## Device connector, front mounting - SM-7EPWN8AAD00S - 1607931

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Device connector, front mounting, angled rotatable, SPEEDCON locking, M40, Number of positions: 4+3+PE, Type of contact: Male connector, Crimp connection, Axial O-ring, 4xØ4,4, Shielded: Yes, Flange dimensions: 40 mm x 40 mm



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	449.4 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	Order information Order crimp contacts 4 x Ø 2 mm, 4 x Ø 3.6 mm separately
Type of locking	SPEEDCON locking
Coding	N
Contact connection method	Crimp connection
Type of contacts	Male connector
Number of positions	8
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	4xØ4,4

#### Ambient conditions

Ambient temperature	-20 °C ... 125 °C
Degree of protection	IP67

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### Technical data

#### 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
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

## Device connector, front mounting - SM-7EPWN8AAD00S - 1607931

### Approvals

Approvals

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Approvals

GOST

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Ex Approvals

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Approvals submitted

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### Approval details



### Accessories

Accessories

Crimp contact

Crimp contact - SM-36KP001 - 1605743



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 0.75 mm<sup>2</sup>...1.5 mm<sup>2</sup>

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Crimp contact - SM-36KP009 - 1607057



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 1 mm<sup>2</sup>...2.5 mm<sup>2</sup>

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### Accessories

Crimp contact - SM-36KP002 - 1605744



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 1 mm<sup>2</sup>...4 mm<sup>2</sup>

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Crimp contact - SM-36KP003 - 1605745



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 4 mm<sup>2</sup>...6 mm<sup>2</sup>

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Crimp contact - SM-36KP004 - 1605747



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 6 mm<sup>2</sup>...10 mm<sup>2</sup>

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Crimp contact - SF-7RP2000 - 1605646



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 0.14 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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Crimp contact - SF-7PP2000 - 1605634



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

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### Accessories

Crimp contact - SF-20KP004 - 1607376



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

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Crimp contact - SF-7QP2000 - 1605639



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

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Crimp contact - SF-7MP2000 - 1605626



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

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### Mounting material

Plastic dust protection cap - SM-Z0001 - 1605866



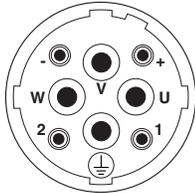
Plastic dust protection cap for connectors with M40 external thread

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### Drawings

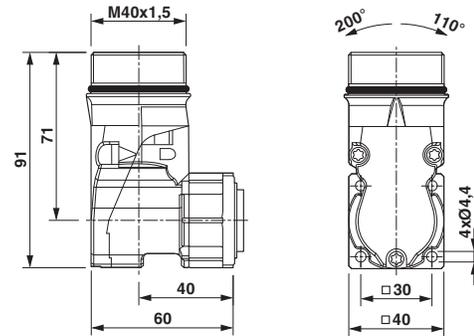
# Device connector, front mounting - SM-7EPWN8AAD00S - 1607931

Schematic diagram



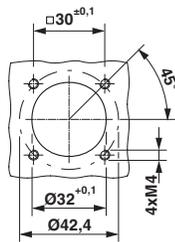
Connector pin assignment

Dimensioned drawing



Dimensional drawing

Dimensioned drawing



Installation dimensions

Diagram

