

Device connector, front mounting - SF-5EP1N8AA500 - 1620657

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Device connector, front mounting, angled rotatable, Screw locking, M23, Number of positions: 5+PE, Type of contact: Pin, Crimp connection, Axial O-ring, 4x Ø3.2, shielded: yes, Flange dimensions: 26 mm x 26 mm, Compatible with mating connectors with SPEEDCON or M23 standard knurled nuts

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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 839969
Weight per Piece (excluding packing)	123.3 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

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	Pin
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	30 A
Pg housing screw connection	none
Mounting type	4x Ø3.2

Ambient conditions

Ambient temperature	-40 °C ... 125 °C
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Technical data

Ambient conditions

Degree of protection	IP67
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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	630 V
Rated surge voltage of signal contacts	6 kV
Overvoltage category of signal contacts	III
Degree of pollution of signal contacts	3

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440209

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002641

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized

Device connector, front mounting - SF-5EP1N8AA500 - 1620657

Approvals

Ex Approvals

Approvals submitted

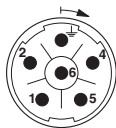
Approval details

UL Recognized	
mm ² /AWG/kcmil	4.0
Nominal current I _N	27 A
Nominal voltage U _N	600 V

cUL Recognized	
mm ² /AWG/kcmil	4.0
Nominal current I _N	18 A
Nominal voltage U _N	600 V

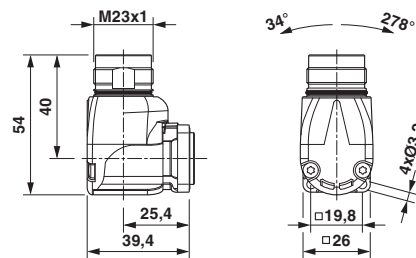
Drawings

Schematic diagram



Connector pin assignment

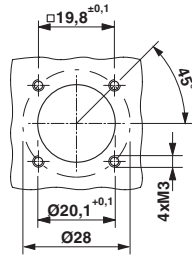
Dimensional drawing



Dimensional drawing

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Dimensional drawing



Installation dimensions

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