

Device connector, front mounting with knurled nut - SF-5ES1N8AY000 - 1607082

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Device connector, front mounting with knurled nut, straight, Screw locking, M23, Number of positions: 5+PE, Type of contact: Socket, Crimp connection, Axial O-ring, 4x Ø3.2, shielded: yes, Flange dimensions: 26 mm x 26 mm, Cable diameter: 0 mm...0 mm

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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 278676
Weight per Piece (excluding packing)	67.9 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	Socket
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
Conductor entry	0 mm ... 0 mm
Pg housing screw connection	none
Mounting type	4x Ø3.2

Ambient conditions

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Technical data

Ambient conditions

Ambient temperature	-40 °C ... 125 °C
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
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3
Rated surge voltage of signal contacts	4 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	27440103

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002061

UNSPSC

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

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Approvals

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UL Recognized / cUL Recognized

Ex Approvals

Approvals submitted

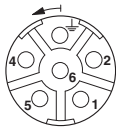
Approval details

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

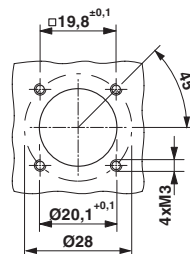
Drawings

Schematic diagram



Connector pin assignment

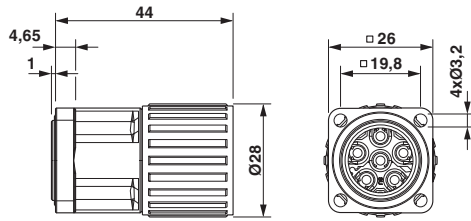
Dimensional drawing



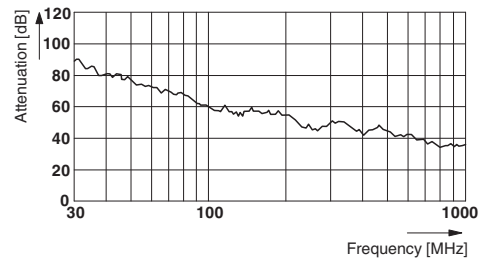
Installation dimensions

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Dimensional drawing



Diagram



Dimensional drawing

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