

Device connector, front mounting - HC-28S1N122300 - 1590427

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Device connector, front mounting, straight, Screw locking, M27, number of positions: 28, type of contact: Socket, Solder connection, Flat gasket, 4x Ø 3.2, shielded: yes

The figure shows the 26-pos. product version

RoHS

Key Commercial Data

Packing unit	24 pc
Minimum order quantity	24 pc
GTIN	 4 046356 187534
GTIN	4046356187534

Technical data

General

Type of locking	Screw locking
Insertion/withdrawal cycles mechanical	50
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Solder connection
Type of contacts	Socket
Number of positions	26
Contact diameter of power contacts	1 mm
Litz wire cross section of power contacts min.	0.08 mm ²
Litz wire cross section of power contacts max.	1 mm ²
Nominal current per power contact at 25°C	8 A
Pg housing screw connection	none
Mounting type	4x Ø 3.2

Ambient conditions

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

Ambient conditions

Degree of protection	IP67, when plugged in
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Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA66
Contact material	CuZn
Contact surface	Nickel-plated, gold coating
Gasket and O-ring material	NBR

Specifications according to DIN EN 61984:2001

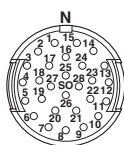
Installation height max.	2000 m
Nominal / operating voltage of power contacts	150 V
Rated surge voltage of power contacts	1.5 kV
Overvoltage category of power contacts	II
Degree of pollution of power contacts	3
Overvoltage category of signal contacts	II
Degree of pollution of signal contacts	3

Environmental Product Compliance

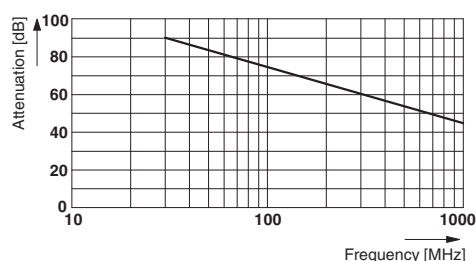
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

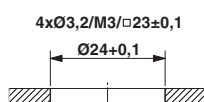
Schematic diagram



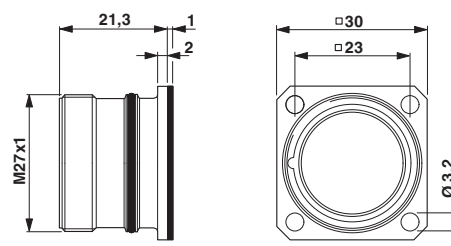
Diagram



Dimensional drawing



Dimensional drawing



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Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
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