

## Cable connector - HC-28P1N1280DU - 1590412

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Cable connector, straight, Screw locking, M27, number of positions: 28, type of contact: Pin, Solder connection, shielded: yes, cable diameter range: 2 mm ... 14.5 mm

The figure shows the 26-pos. product version



### Key Commercial Data

Packing unit	12 pc
GTIN	
GTIN	4046356187428

### Technical data

#### General

Note	Order information: Order crimp contacts Ø 1 mm separately
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	Pin
Number of positions	28
Contact diameter of power contacts	1 mm
Litz wire cross section of power contacts min.	0.08 mm <sup>2</sup>
Litz wire cross section of power contacts max.	1 mm <sup>2</sup>
Nominal current per power contact at 25°C	8 A
Conductor entry	2 mm ... 14.5 mm
Pg housing screw connection	none

#### 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	FPM

### Specifications according to DIN EN 61984:2001

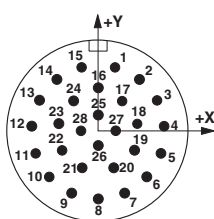
Installation height max.	2000 m
Nominal / operating voltage of power contacts	150 V
Rated surge voltage of power contacts	1.5 kV
Overvoltage category of power contacts	II
Degree of pollution of power contacts	3
Overvoltage category of signal contacts	II
Degree of pollution of signal contacts	3

### Environmental Product Compliance

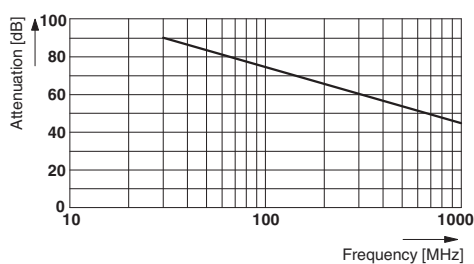
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

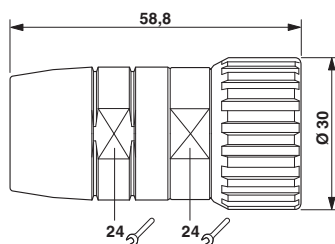
Schematic diagram



Diagram



Dimensional drawing



## Cable connector - HC-28P1N1280DU - 1590412

### Approvals

Approvals

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Approvals


EAC

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Ex Approvals

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### Approval details

EAC		B.01742
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