

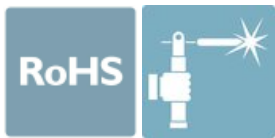
## Cable connector - HC-28P1N1280DU - 1590412

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Cable connector, straight, Screw locking, M27, number of positions: 28, type of contact: Pin, shielded: yes, degree of protection: IP67, when plugged in, cable diameter range: 2 mm ... 14.5 mm, number of positions: 28, connection method: Solder connection

The figure shows the 26-pos. product version



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 187428
GTIN	4046356187428
Weight per Piece (excluding packing)	80.250 g
Custom tariff number	85366990
Country of origin	Germany

### 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

## Cable connector - HC-28P1N1280DU - 1590412

### Technical data

#### General

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>
Rated current for power contacts	8 A
Conductor entry	2 mm ... 14.5 mm
Pg housing screw connection	none

#### Ambient conditions

Ambient temperature	-20 °C ... 125 °C
Degree of protection	IP67, when plugged in

#### 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	48 V AC
	74 V DC
Rated surge voltage of power contacts	1.5 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3

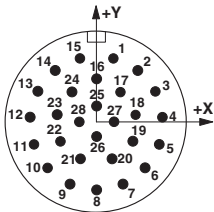
#### Environmental Product Compliance

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

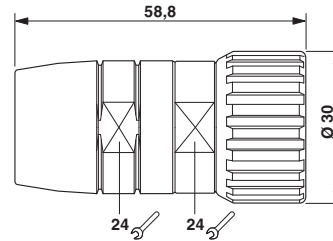
### Drawings

# Cable connector - HC-28P1N1280DU - 1590412

Schematic diagram



Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 11.0	27440102
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440102
eCl@ss 9.0	27440102

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 6.0	EC002061

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

## Accessories

### Accessories

## Cable connector - HC-28P1N1280DU - 1590412

### Accessories

#### Crimp contact

Crimp contact - HC-11P2000 - 1623428



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.08 mm<sup>2</sup> ... 0.22 mm<sup>2</sup>

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Crimp contact - HC-12P2000 - 1623430



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.14 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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Crimp contact - HC-1KP2000 - 1623432



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.5 mm<sup>2</sup> ... 1 mm<sup>2</sup>

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