

# HC-26S1N1280DU - Cable connector

1590354

<https://www.phoenixcontact.com/us/products/1590354>



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Cable connector, straight, Screw locking mechanism, M27, number of positions: 26, contact connection type: Socket, shielded: yes, degree of protection: IP67, cable diameter range: 2 mm .. 14.5 mm, number of positions: 26, connection method: Solder connection, series: HC, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240146

## Commercial data

Item number	1590354
Packing unit	12 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAJA
GTIN	4046356186995
Weight per piece (including packing)	96.49 g
Weight per piece (excluding packing)	96.49 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connector (cable-side)
Series	HC
Application	Signal
Number of positions	26
Connection profile	26
Shielded	yes
Coding	N
Thread type	M27

### Material specifications

Seal material	FPM or NBR or EPDM
Housing material	Metal
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

### Connection data

Conductor connection	
Connection method	Solder connection

### Electrical properties

Contact	
Contact diameter	1 mm
Min. cross section	0.08 mm <sup>2</sup>
Max. cross section	1 mm <sup>2</sup>
Max. current	8 A
Nominal voltage U <sub>N</sub>	48 V AC 74 V DC
Overshoot category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

### Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	50

### Connector

Type	straight
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Direction of rotation

Standard

## Cable/line

External cable diameter

2 mm ... 14.5 mm

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-20 °C
Altitude	2000 m

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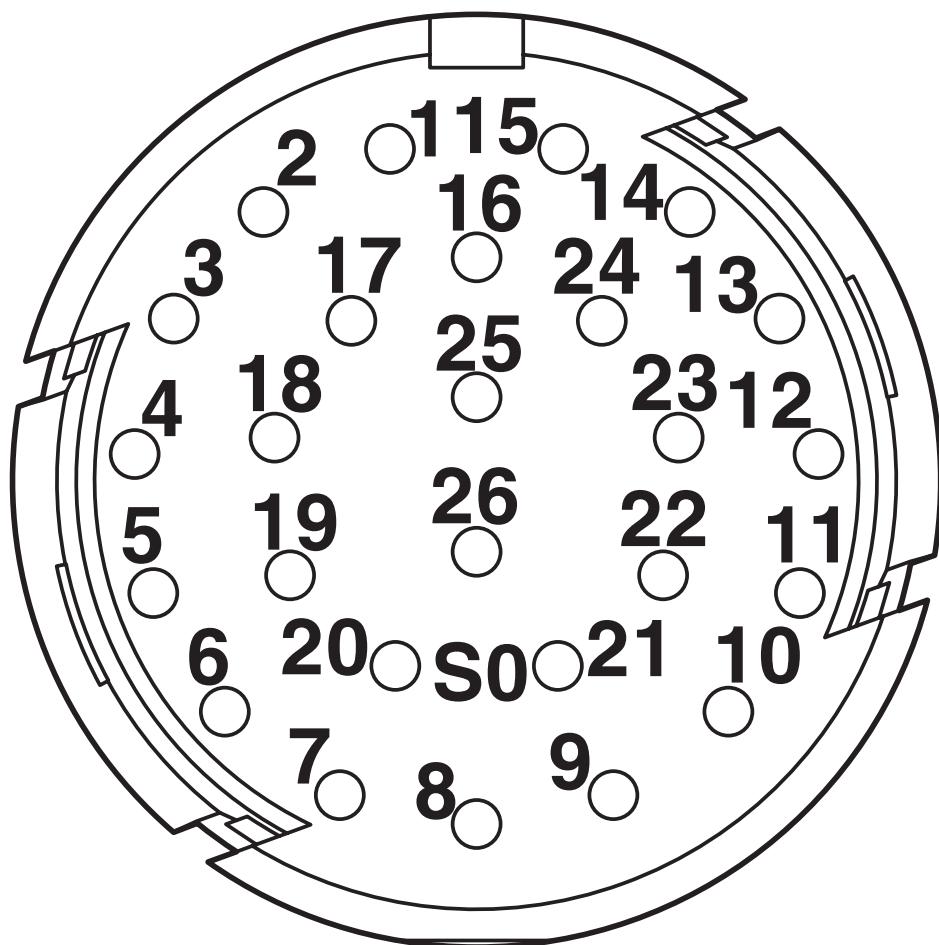
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## Drawings

Schematic diagram



Connector pin assignment

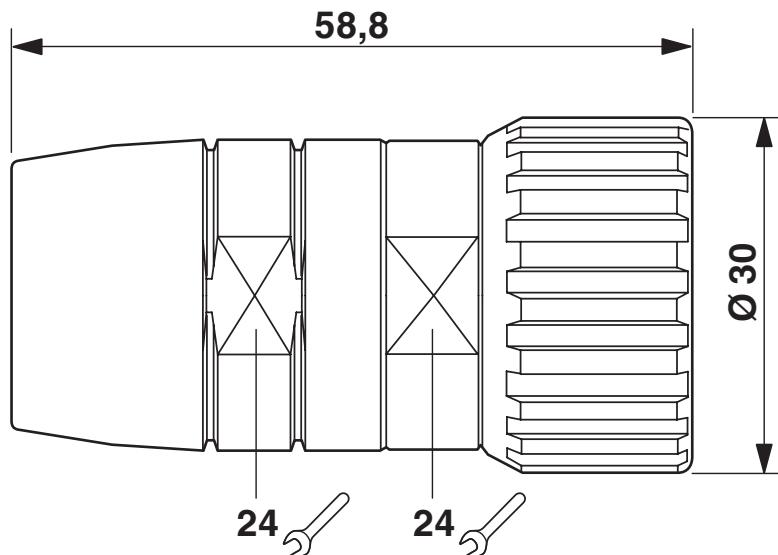
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Dimensional drawing



Dimensional drawing

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## Classifications

### ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

### ETIM

ETIM 9.0	EC002635
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.	

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	ad8f818f-bcb8-45d0-86fc-591867d4006f

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