

# HC-26P1N124300 - Device connector rear mounting



1590280

<https://www.phoenixcontact.com/us/products/1590280>

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The figure shows the 28-pos.  
product version

Device connector rear mounting, application: Signal, straight, Screw locking mechanism, M27, number of positions: 26, contact connection type: Pin, Radial O-ring, shielded: yes, number of positions: 26, connection method: Solder connection, series: HC

## Commercial data

Item number	1590280
Packing unit	24 pc
Minimum order quantity	24 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAJR
GTIN	4046356186544
Weight per piece (including packing)	47.07 g
Weight per piece (excluding packing)	47.07 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Mounting

Mounting type	Rear mounting/square flange (4x M3)
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### Product properties

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

### Material specifications

Flammability rating according to UL 94	V0
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	NBR

### Electrical properties

#### Contact

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

### Connection data

#### Conductor connection

Connection method	Solder connection
Contact connection type	Pin

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## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	50
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## Connector

Type	straight
Direction of rotation	Standard

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

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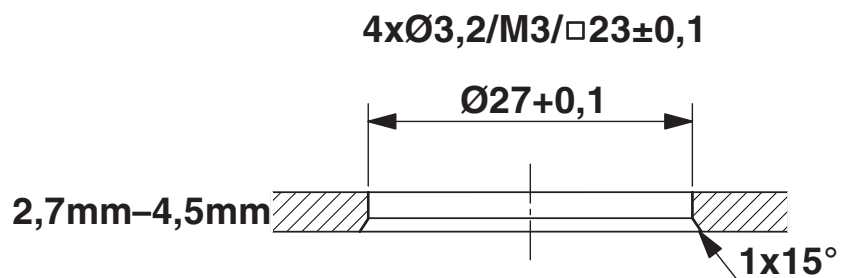


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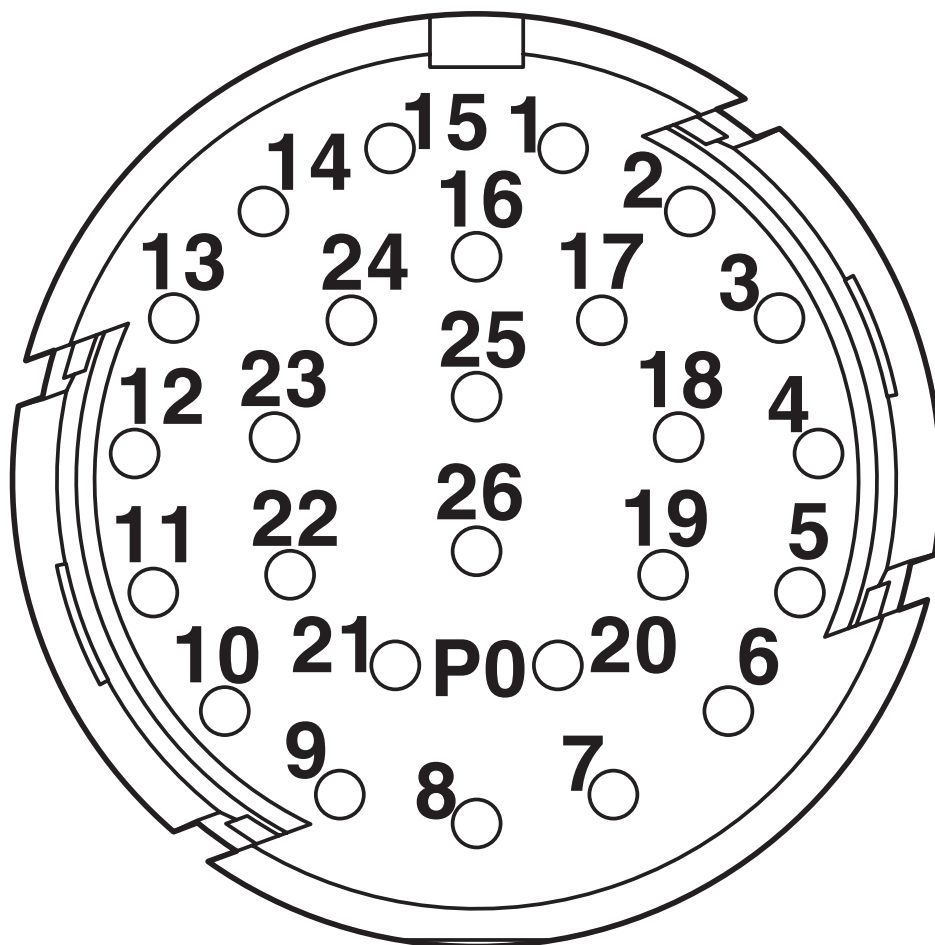
## Drawings

Dimensional drawing



Installation dimensions

Schematic diagram



Connector pin assignment

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## Classifications

### ETIM

ETIM 9.0	EC003569
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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	04d10b7f-bcc0-42e2-9f2b-4879f5d9f8b5

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