

# HC-28P1N324300 - Device connector rear mounting



1615315

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Device connector rear mounting, application: Signal, straight, Screw locking mechanism, M27, number of positions: 28, contact connection type: Pin, Radial O-ring, 4xM3, shielded: yes, number of positions: 28, connection method: Solder-in connection, series: HC

## Commercial data

Item number	1615315
Packing unit	12 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAJR
GTIN	4046356439664
Weight per piece (including packing)	53.19 g
Weight per piece (excluding packing)	53.19 g
Country of origin	DE

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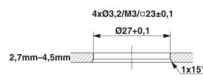
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## Technical data

### Product properties

Product type	Circular connectors (device side)
Series	HC
Application	Signal
Number of positions	28
Connection profile	28
Shielded	yes
Coding	N
Thread type	M27

### Dimensions

Dimensional drawing	
Length of the solder pin	4.5 mm
	4.5 mm

### Material specifications

Seal material	FPM or NBR or EPDM
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Contact material	CuZn
Contact surface	Nickel-plated, gold coating

### Electrical properties

#### Contact

Contact diameter	1 mm
Nominal current $I_N$	8 A
Nominal voltage $U_N$	150 V
Overvoltage category	II
Degree of pollution	3
Rated surge voltage	1.5 kV

### Connection data

#### Conductor connection

Connection method	Solder-in connection
Contact connection type	Pin

### Mechanical properties

#### Mechanical data

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Insertion/withdrawal cycles	50
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## Connector

Type	straight
Direction of rotation	Standard

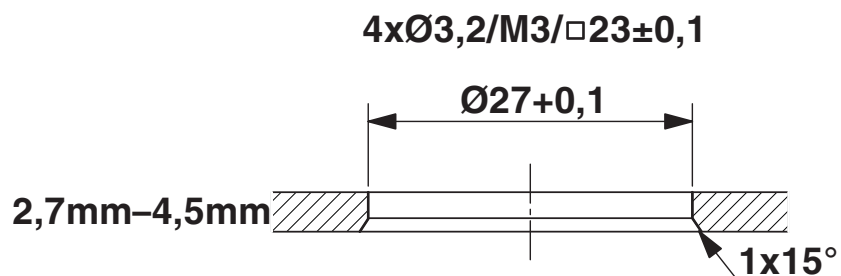
## Environmental and real-life conditions

### Ambient conditions

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

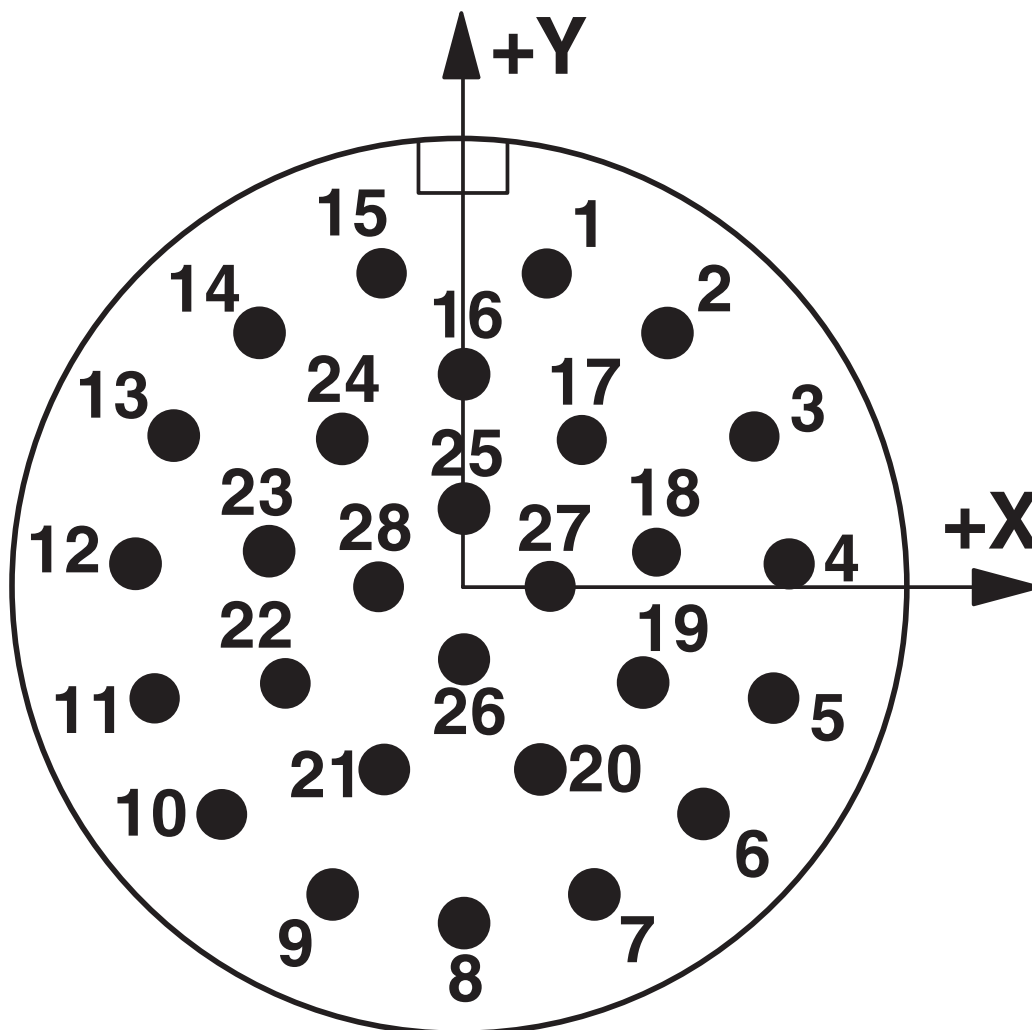
Drawings

Dimensional drawing



Installation dimensions

Schematic diagram



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