

HC-28P1N126300 - Device connector front mounting



1590409

<https://www.phoenixcontact.com/us/products/1590409>

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Device connector front mounting, straight, Screw locking mechanism, M27, number of positions: 28, contact connection type: Pin, Axial O-ring, Central fixing, shielded: yes, degree of protection: IP67, number of positions: 28, connection method: Solder connection, series: HC

Commercial data

Item number	1590409
Packing unit	1 pc
Minimum order quantity	24 pc
Note	Made to order (non-returnable)
Sales key	AB32
Product key	ABRAJL
GTIN	4046356187404
Weight per piece (including packing)	60.05 g
Weight per piece (excluding packing)	54.77 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

Mounting	Central fixing
Connection method	Solder connection

Product properties

Product type	Circular connectors (device side)
Number of positions	28
Connection profile	28
Application	Signal
Series	HC
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	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
Housing material	Metal

Electrical properties

Contact

Contact diameter	1 mm
Min. cross section	0.08 mm ²
Max. cross section	1 mm ²
Max. current	8 A
Nominal voltage U _N	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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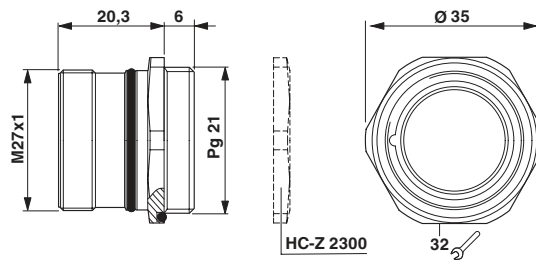


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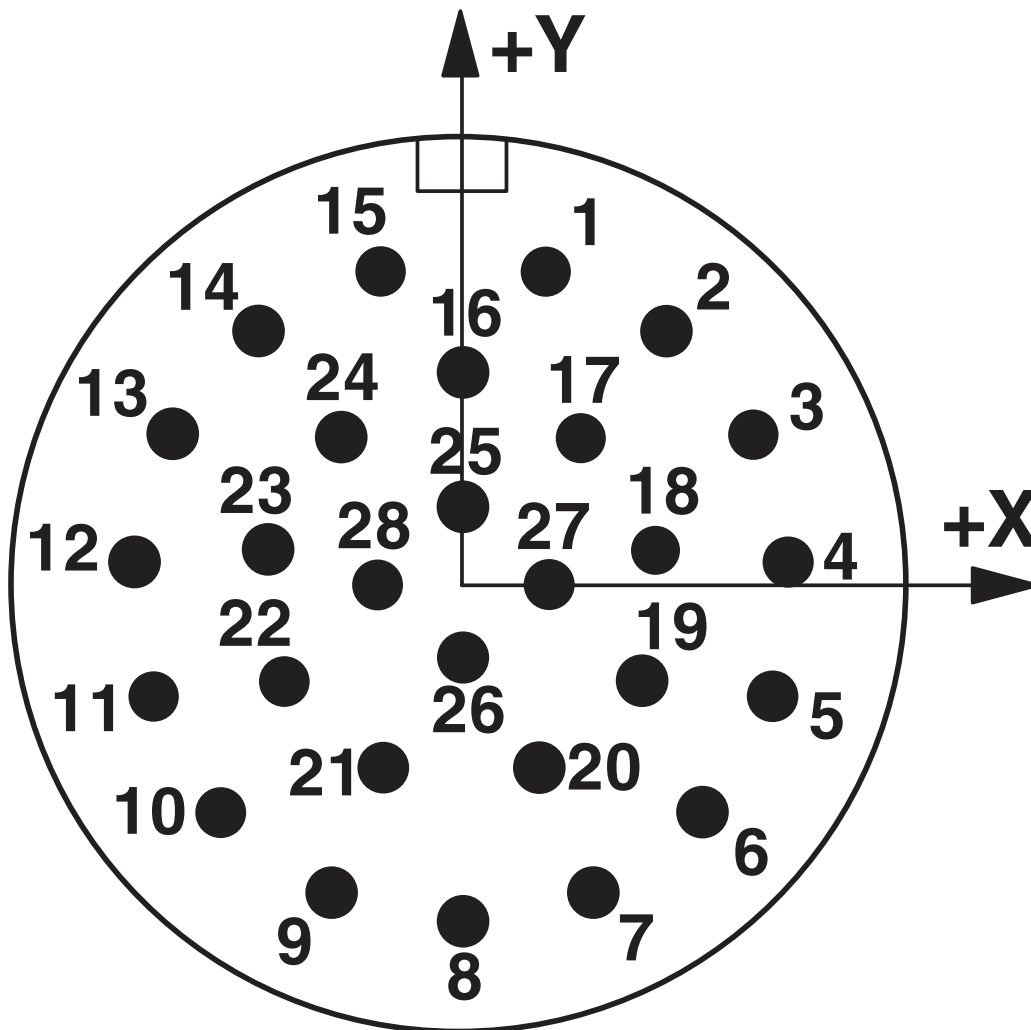
Drawings

Dimensional drawing



Dimensional drawing

Schematic diagram



Connector pin assignment

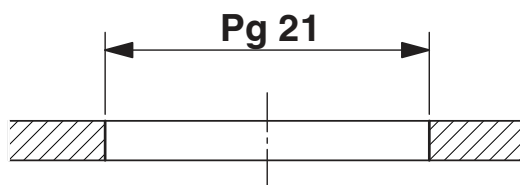
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Dimensional drawing



Housing bore holes

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Classifications

ECLASS

ECLASS-11.0	27440109
ECLASS-12.0	27440109
ECLASS-13.0	27440109

ETIM

ETIM 8.0	EC003569
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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