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Device connector rear mounting, straight, M27, contact connection type: Pin, Flat gasket, number of positions: 28, connection method: Solder pins, this item is expected to be lead-free from Q1 2027 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance, This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

Commercial data

Item number	1590420
Packing unit	24 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAJR
GTIN	4046356187473
Weight per piece (including packing)	48.45 g
Weight per piece (excluding packing)	43.783 g
Country of origin	DE

HC-28P1N225301 - Device connector rear mounting



1590420

<https://www.phoenixcontact.com/us/products/1590420>

Technical data

Mounting

Mounting type	Rear mounting/square flange (4x Ø 3.2 mm)
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Product properties

Product type	Circular connectors (device side)
Application	Signal
Number of positions	28
Thread type	M27

Material specifications

Flammability rating according to UL 94	V0
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Electrical properties

Contact

Nominal voltage U_N	48 V AC
	74 V DC

Connection data

Conductor connection

Connection method	Solder pins
Contact connection type	Pin

Connector

Type	straight
Direction of rotation	Standard

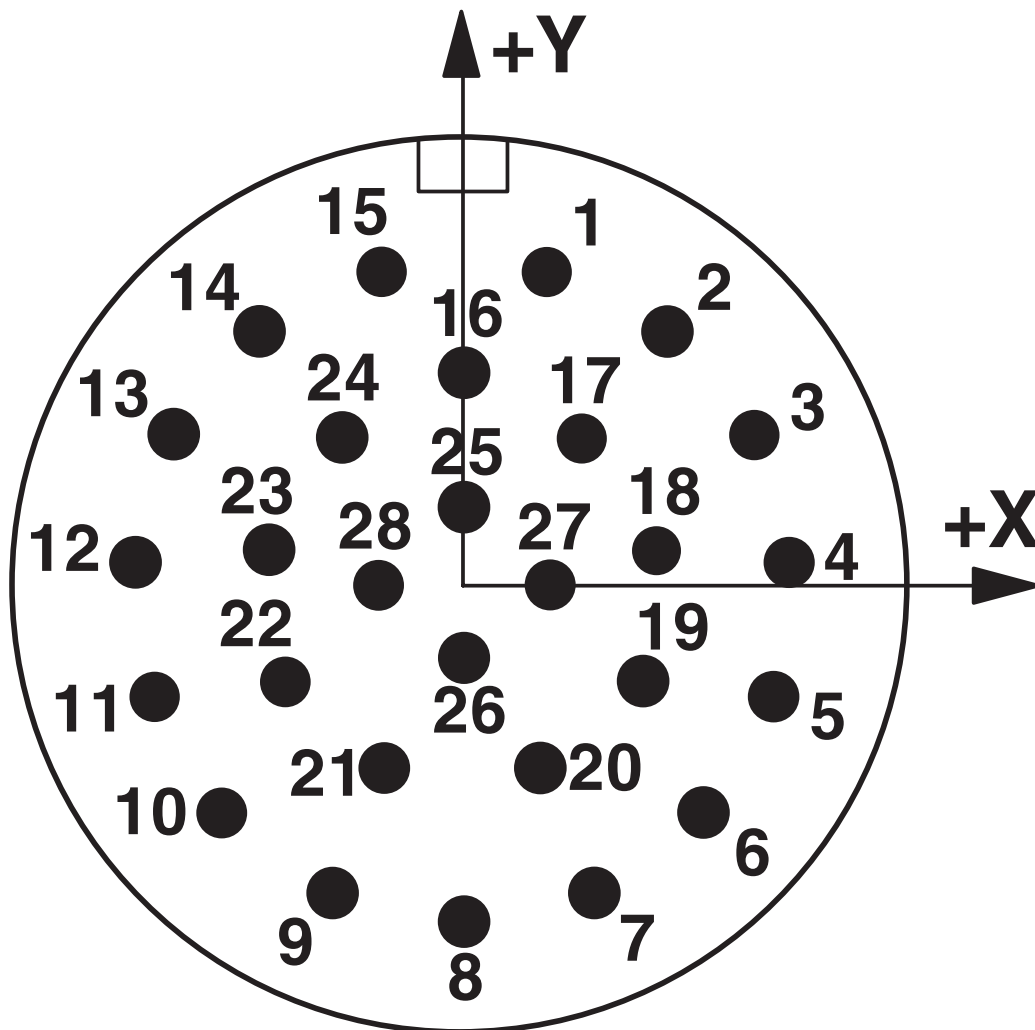
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
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Drawings

Schematic diagram



Connector pin assignment

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Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

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	41cd9e0f-adba-4061-bd78-f899b2d98d59

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