HC-26P1N122300 - Device connector front mounting

1590276

https://www.phoenixcontact.com/us/products/1590276

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Device connector front mounting, application: Signal, straight, Screw locking mechanism, M27, number of positions: 26, contact connection type: Pin, Flat gasket, shielded: yes, number of positions: 26, connection method: Solder cup, series: HC, this item is expected to be lead-free from Q3 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

Item number	1590276
Packing unit	24 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAJL
GTIN	4046356186520
Weight per piece (including packing)	45.45 g
Weight per piece (excluding packing)	42.98 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Mounting

Mounting type	Front mounting/square flange (4x Ø 3.2 mm)

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

Material Housing	GD-Zn
Material Rotating parts	CuZn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	CuZn
Material Contact surface	Au
Material Seal	NBR (O-ring)
Flammability rating according to UL 94	V0
Seal material	FPM or NBR or EPDM

Electrical properties

Contact

Contact diameter	1 mm
Min. cross section	0.08 mm²
Max. cross section	1 mm²
Nominal current I_N	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 cup
Contact connection type	Pin

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50

Connector

Type	straight
Direction of rotation	Standard

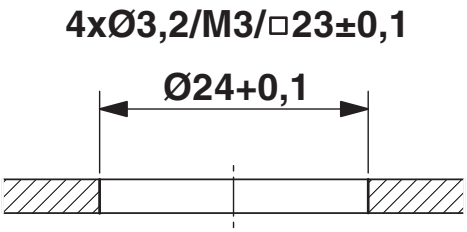
Environmental and real-life conditions

Ambient conditions

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

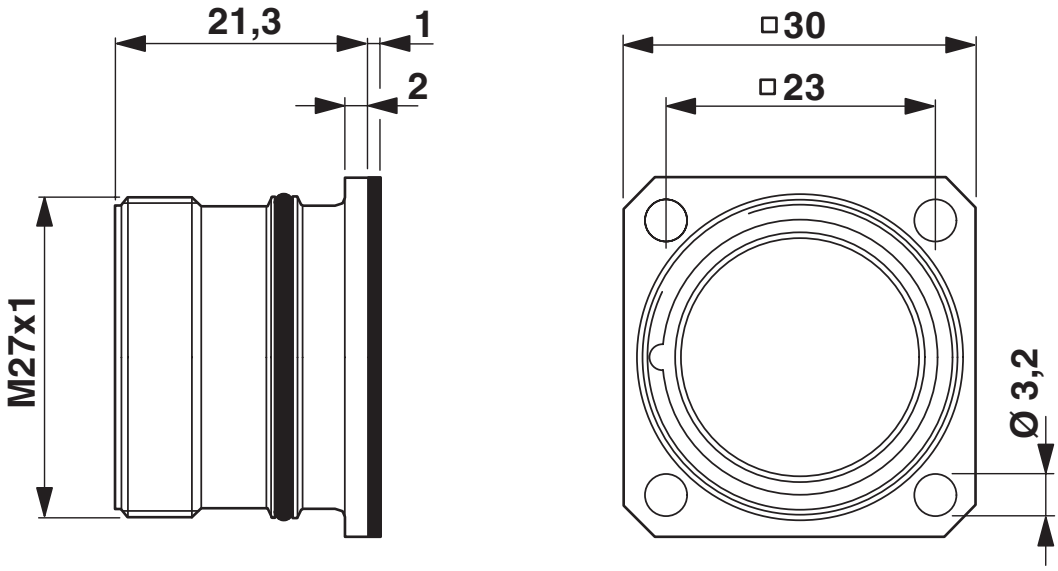
Drawings

Dimensional drawing



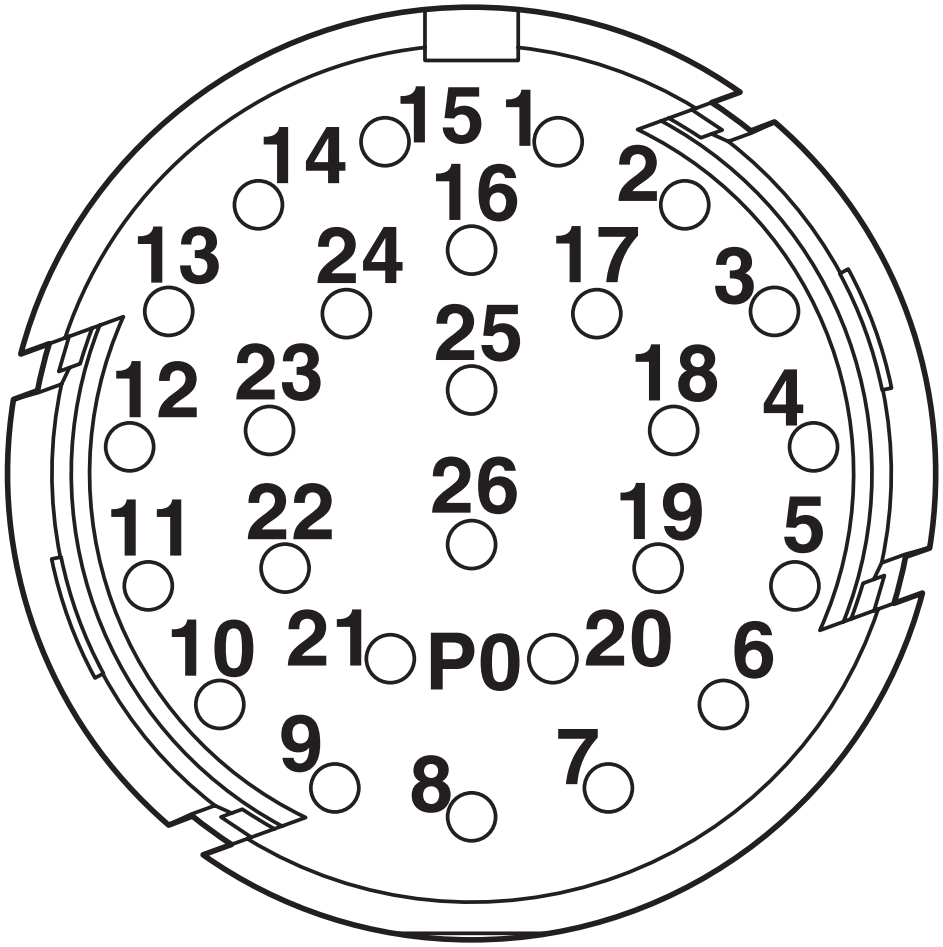
Installation dimensions

Dimensional drawing



Dimensional drawing

Schematic diagram



Connector pin assignment

Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

ETIM

ETIM 10.0	EC003569

UNSPSC

UNSPSC 21.0	39121400

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	ffa12381-6aad-4067-a8d5-ab0a0b528863

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