

# PV-08P1N22HG00 - Device connector rear mounting



1609977

<https://www.phoenixcontact.com/us/products/1609977>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Device connector rear mounting, application: Signal, straight, Screw locking mechanism, M16, number of positions: 8, contact connection type: Pin, Axial O-ring, Central fixing, shielded: no, number of positions: 8, connection method: Solder-in connection, series: PV

The figure shows the 14-pos.  
product version

## Commercial data

Item number	1609977
Packing unit	12 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAKR
GTIN	4046356439510
Weight per piece (including packing)	22.94 g
Weight per piece (excluding packing)	22.94 g
Country of origin	DE

# PV-08P1N22HG00 - Device connector rear mounting



1609977

<https://www.phoenixcontact.com/us/products/1609977>

## Technical data

### Product properties

Product type	Circular connectors (device side)
Series	PV
Application	Signal
Number of positions	8
Connection profile	8
Shielded	no
Coding	N
Thread type	M16

### 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

Nominal current $I_N$	0.8 A
Nominal voltage $U_N$	48 V AC
	74 V DC
Overvoltage category	II
Degree of pollution	3
Rated surge voltage	0.8 kV

### Connection data

#### Conductor connection

Connection method	Solder-in connection
Contact connection type	Pin

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	50
-----------------------------	----

### Connector

Type	straight
------	----------

### Environmental and real-life conditions

#### Ambient conditions

# PV-08P1N22HG00 - Device connector rear mounting



1609977

<https://www.phoenixcontact.com/us/products/1609977>

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

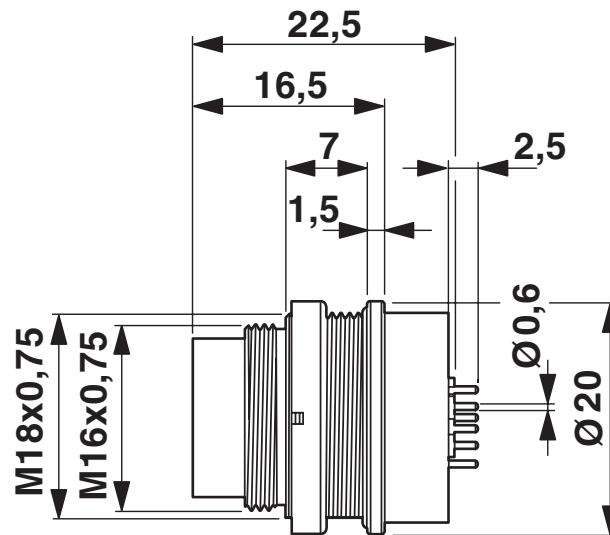
# PV-08P1N22HG00 - Device connector rear mounting

1609977

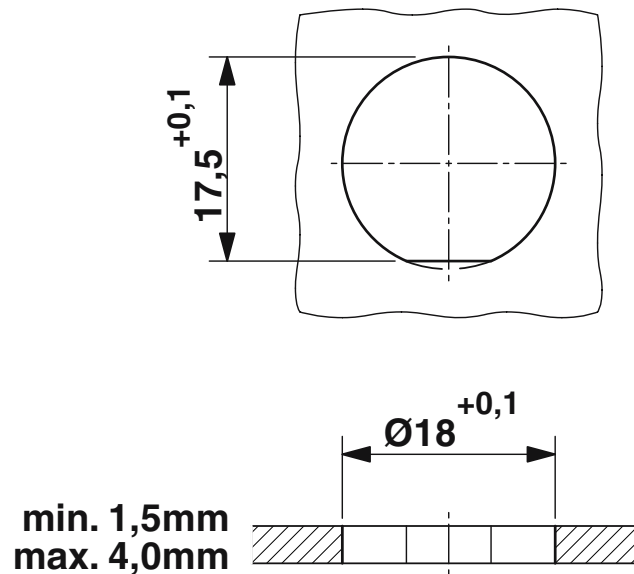
<https://www.phoenixcontact.com/us/products/1609977>

## Drawings

Dimensional drawing



Dimensional drawing



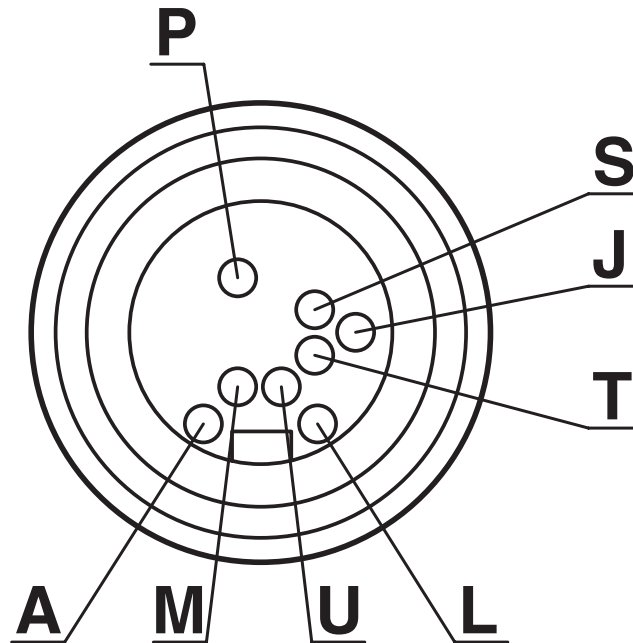
# PV-08P1N22HG00 - Device connector rear mounting

1609977

<https://www.phoenixcontact.com/us/products/1609977>



Schematic diagram



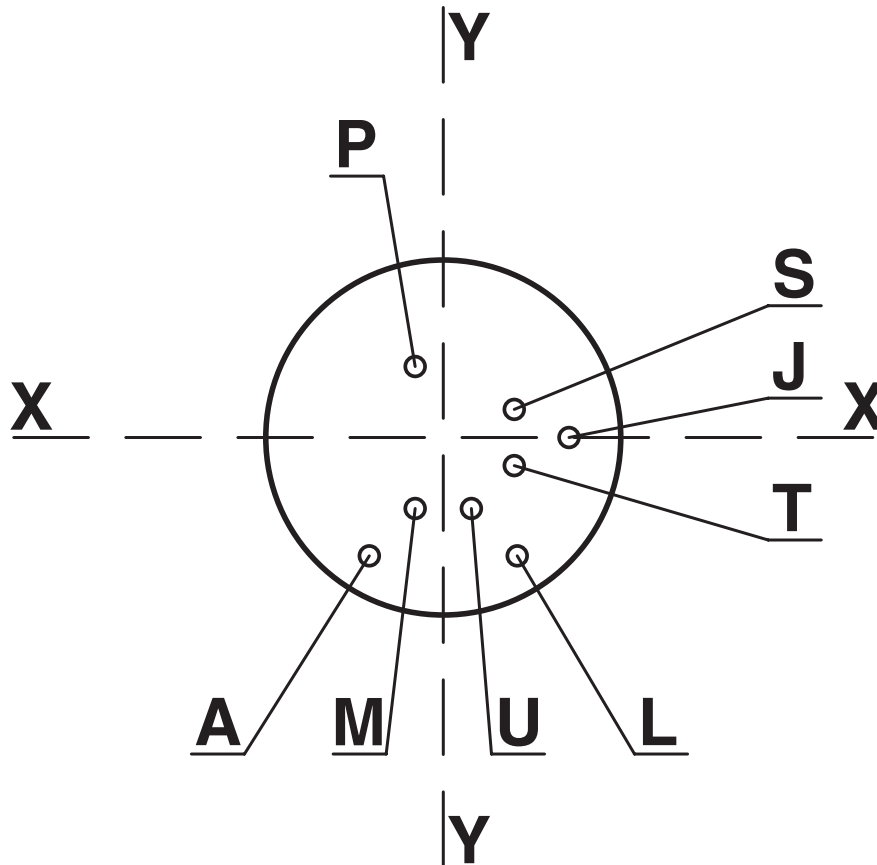
# PV-08P1N22HG00 - Device connector rear mounting



1609977

<https://www.phoenixcontact.com/us/products/1609977>

Schematic diagram



Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)