

# PV-10P1N22HG00 - Device connector rear mounting



1609978

<https://www.phoenixcontact.com/us/products/1609978>

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The figure shows the 14-pos.  
product version

Device connector rear mounting, application: Signal, straight, Screw locking mechanism, M16, number of positions: 10, contact connection type: Pin, Axial O-ring, Central fixing, shielded: no, number of positions: 10, connection method: Solder-in connection, series: PV

## Commercial data

Item number	1609978
Packing unit	12 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAKR
GTIN	4046356439527
Weight per piece (including packing)	23.42 g
Weight per piece (excluding packing)	23.42 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connectors (device side)
Series	PV
Application	Signal
Number of positions	10
Connection profile	10
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 $U_N$	100 V
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
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### Connector

Type	straight
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### Environmental and real-life conditions

#### Ambient conditions

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

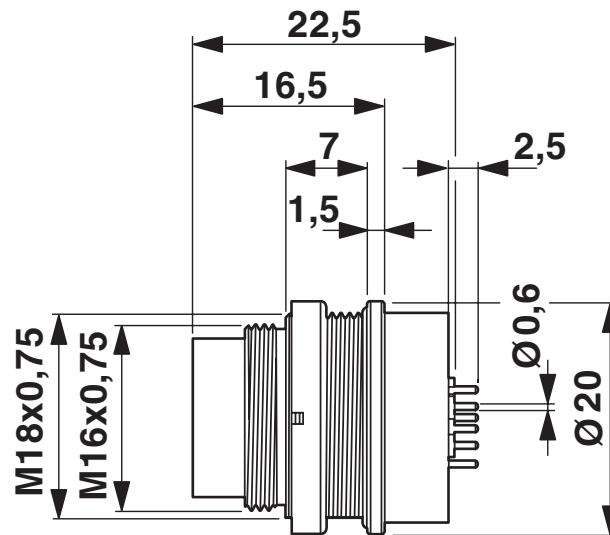
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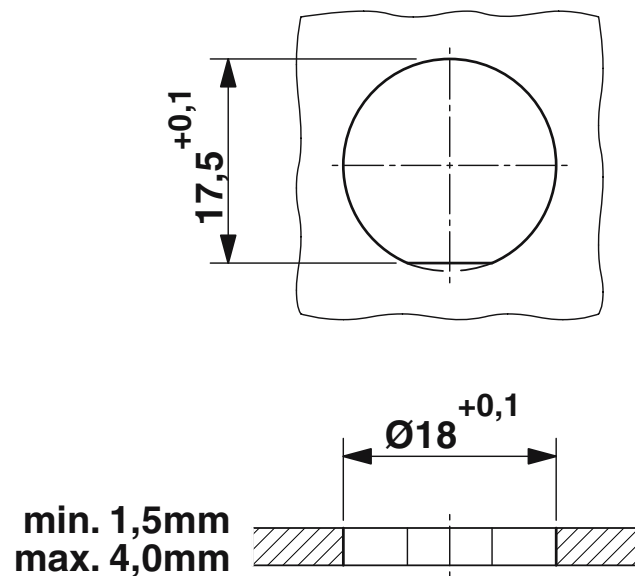
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## Drawings

Dimensional drawing



Dimensional drawing



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Schematic diagram



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Schematic diagram



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