

1592494
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Device connector rear mounting, 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 connection, series: PV

Commercial data

Item number	1592494
Packing unit	12 pc
Minimum order quantity	48 pc
Note	Made to order (non-returnable)
Product key	ABRAKR
GTIN	4046356191289
Weight per piece (including packing)	22.23 g
Weight per piece (excluding packing)	22.23 g
Country of origin	DE

PV-10P1N12HG00 - Device connector rear mounting



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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)
Insulator material	PA 6.6
Contact material	CuZn
Contact surface	Nickel-plated, gold coating
Gasket and O-ring material	FPM

Electrical properties

Contact

Min. cross section	0.08 mm ²
Max. cross section	0.34 mm ²
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 connection
Contact connection type	Pin

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50
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Connector

Type	straight
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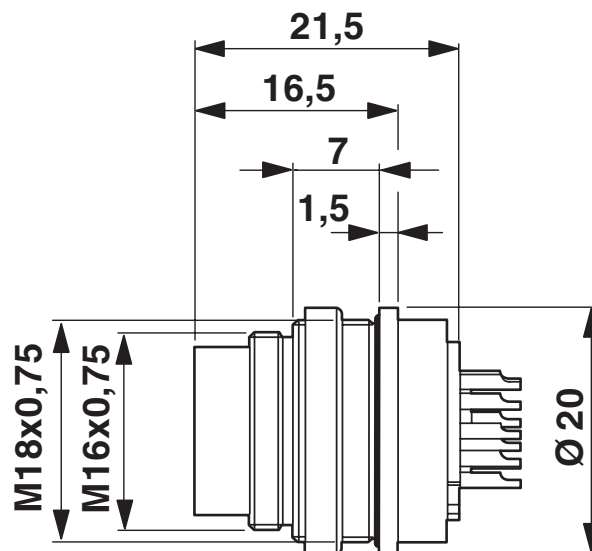
Environmental and real-life conditions

Ambient conditions

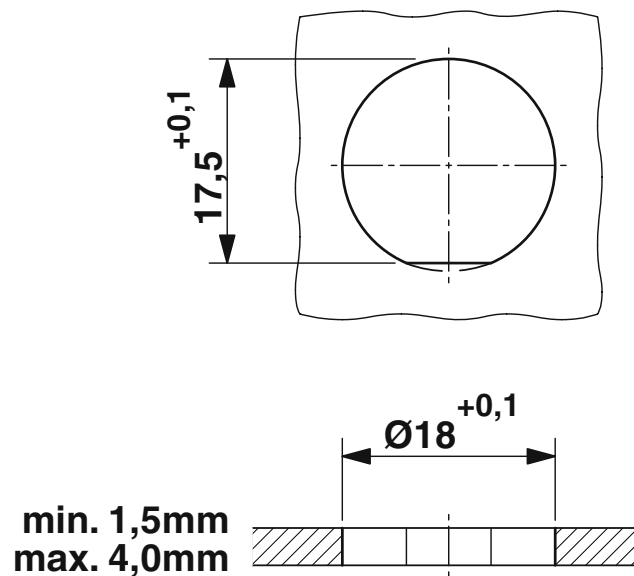
Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

Drawings

Dimensional drawing



Dimensional drawing



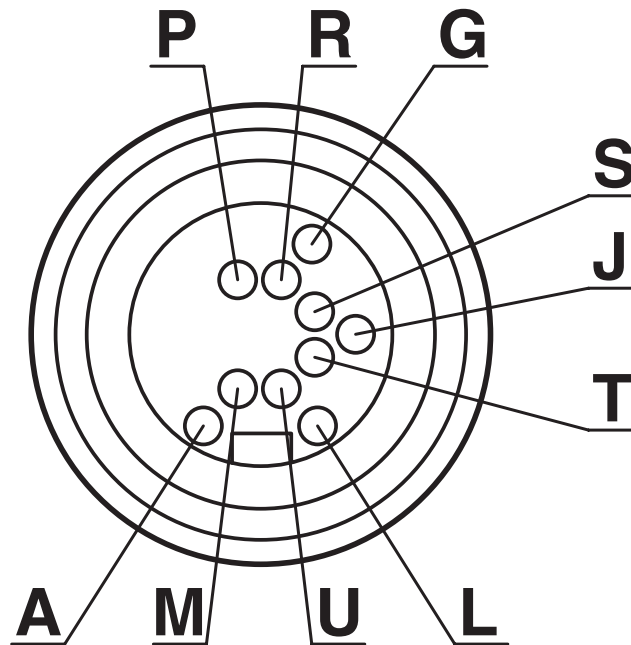
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Schematic diagram



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