

PP2000



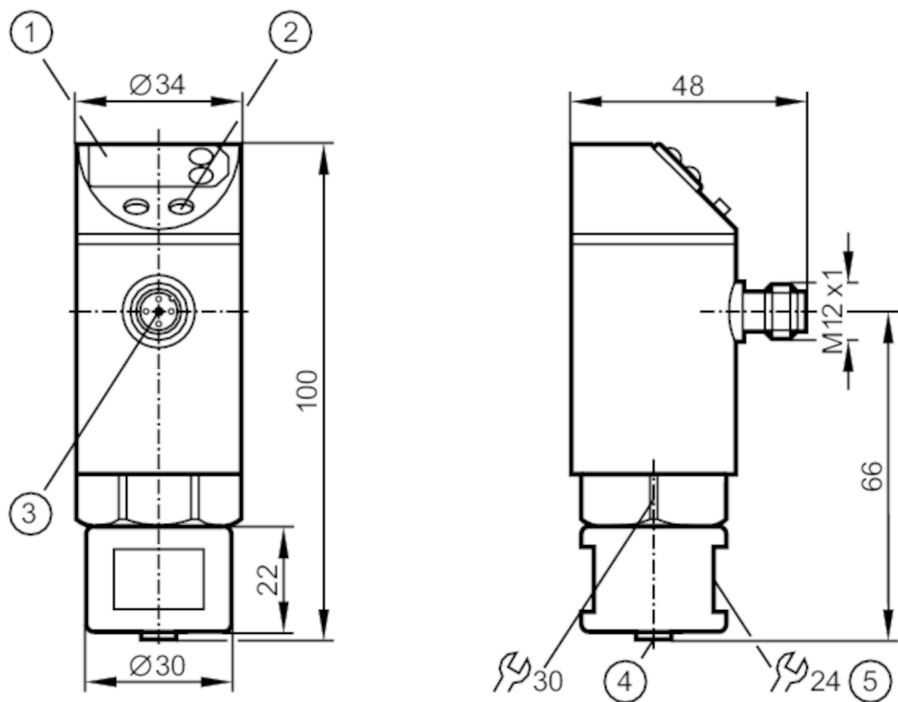
Pressure switch with ceramic measuring cell

PP-PRG- /QFRKG/US/ /

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Alternative articles: PP2001
When selecting an alternative article and accessories please note that technical data may differ!

supports EPS and IO-Link communication



- 1 7-segment LED display
- 2 programming button
- 3 connection for voltage supply and output signals
- 4 connection for EPS sensor
- 5 mounting nut



Application		
Special feature		Gold-plated contacts
Application		for industrial applications
Electrical data		
Operating voltage	[V]	10.8...30 DC
Current consumption	[mA]	< 60
Min. insulation resistance	[MΩ]	100; (500 V DC)
Protection class		III
Reverse polarity protection		yes
Power-on delay time	[s]	1.5
Outputs		
Output signal		switching signal
Max. voltage drop switching output DC	[V]	2

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Permanent current rating of switching output DC [mA]	250
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Response times

Max. measuring/display cycle [ms]	200
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Software / programming

Parameter setting options	depending on the connected sensor
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Operating conditions

Ambient temperature [°C]	-25...80
Storage temperature [°C]	-40...100
Protection	IP 67

Tests / approvals

EMC	EN 61000-4-2 ESD	4 kV CD / 8 kV AD
	EN 61000-4-3 HF radiated	10 V/m
	EN 61000-4-4 Burst	2 kV
	EN 61000-4-6 HF conducted	10 V
Shock resistance	DIN IEC 68-2-27	50 g (11 ms)
Vibration resistance	DIN IEC 68-2-6	20 g (10...2000 Hz)

Mechanical data

Weight [g]	0.378
Dimensions [mm]	100 x 34 x 48
Materials	stainless steel (316L/1.4404); EPDM/X; CO-PC; PBT; FKM

Displays / operating elements

Display	switching status	LED, red
	function display	7-segment LED display
	measured values	7-segment LED display

Accessories

Items supplied	jumper cables: 0,8 m, for parameter setting in the offline mode
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Remarks

Pack quantity	1 pcs.
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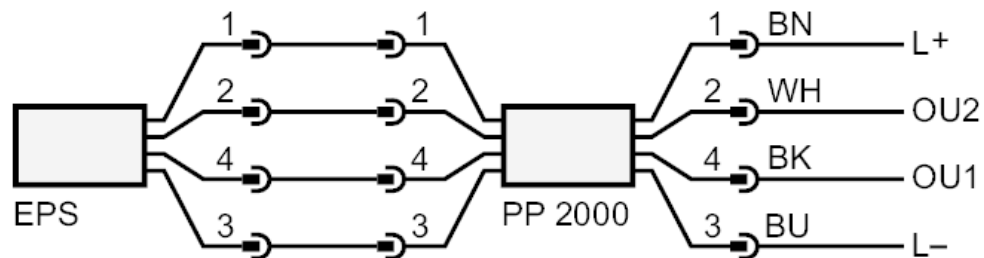


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Electrical connection

Connection



Connector: 1 x M12; Contacts: gold-plated