

PP2000



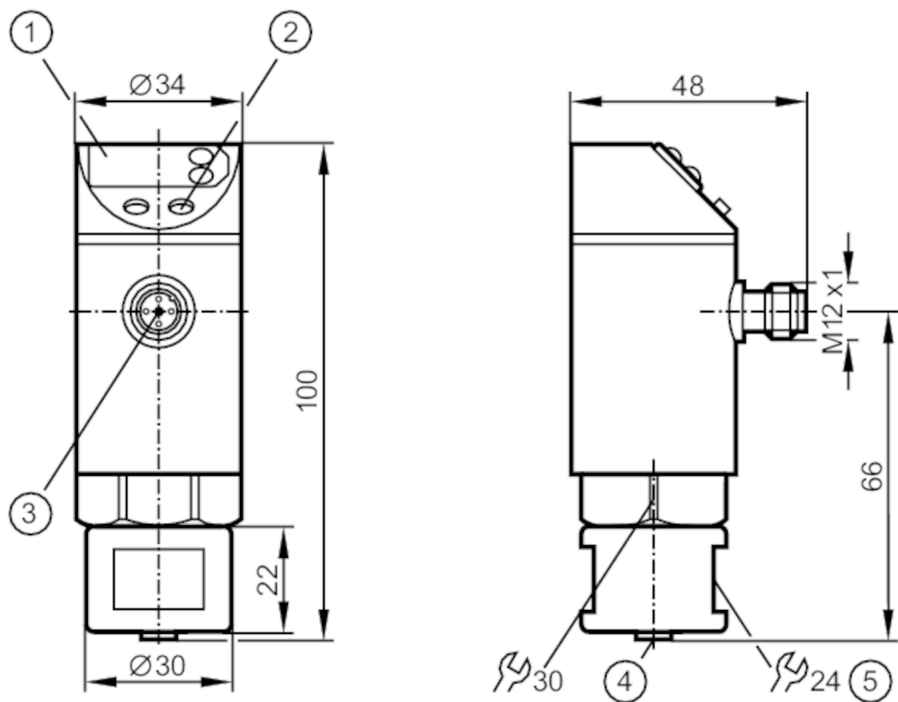
Pressure switch with ceramic measuring cell

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		
System		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		yes (non-latching)
Overload protection		yes
Reaction times		
Max. measuring/display cycle	[ms]	200
Software / programming		
Parameter setting options	depending on the connected sensor	
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
Material	stainless steel (1.4404 / 316L); 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	Patchcords: 0,8 m, for parameter setting in the offline mode	
Remarks		
Pack quantity	1 pcs.	

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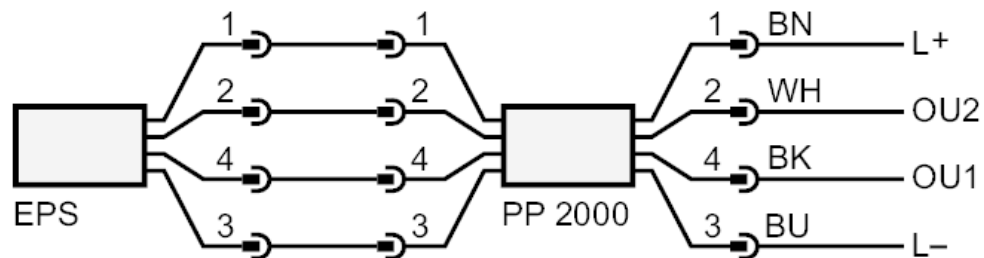


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Electrical connection

Connection



Connector: 1 x M12; Contacts: gold-plated