PP2000

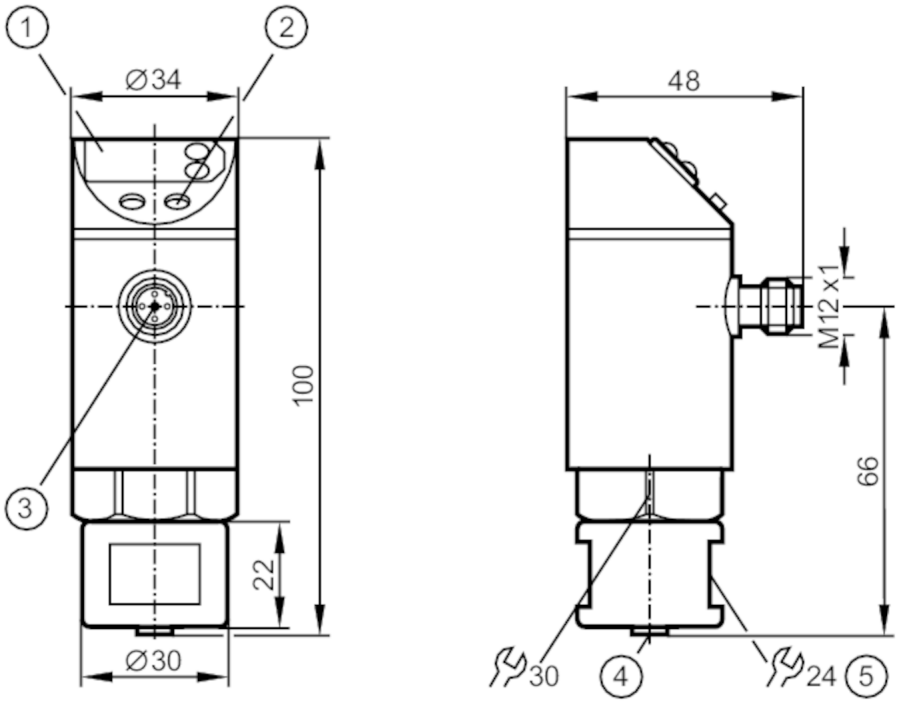
Pressure switch with ceramic measuring cell

PP-PRG- /QFRKG/US/ /

Article no longer available - archive entry

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	
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	
Materials		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		jumper cables: 0,8 m, for parameter setting in the offline mode	
Remarks			
Pack quantity		1 pcs.	

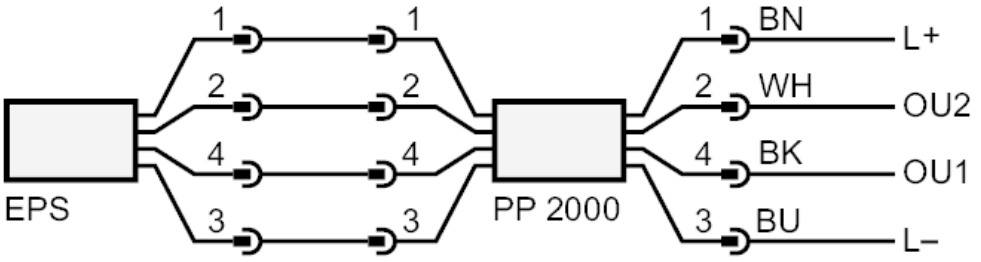
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Electrical connection

Connection



Connector: 1 x M12; Contacts: gold-plated