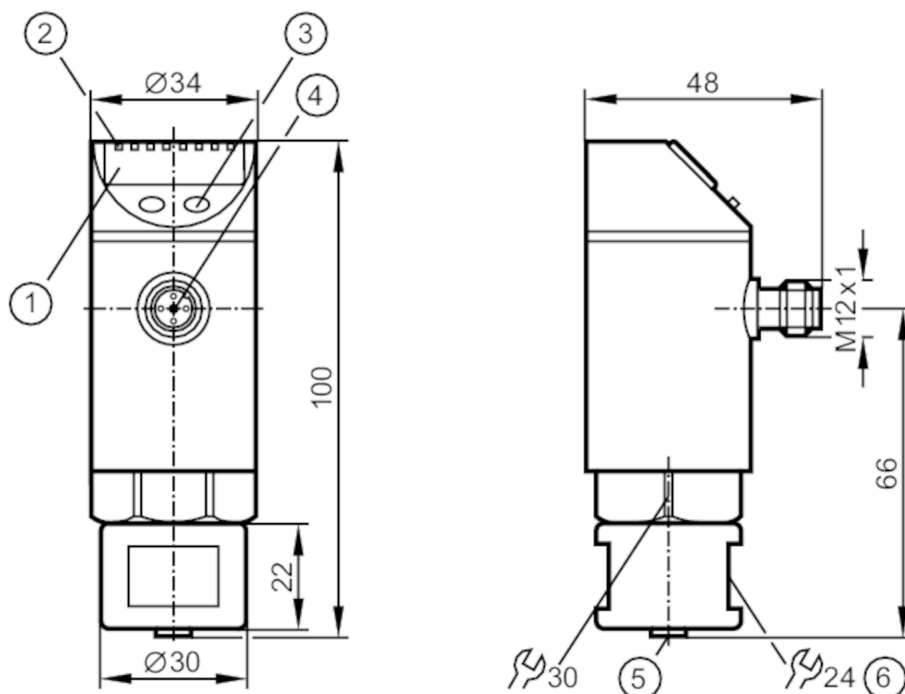




Programming/display unit

PP-PRG- /QFRKG/US/ /



- 1 alphanumeric display 4-digit
- 2 LEDs Display unit / switching status
- 3 programming button
- 4 connection for voltage supply and output signals
- 5 connection for sensor
- 6 mounting nut



Electrical data

Operating voltage	[V]	18...32 DC
Current consumption	[mA]	< 40
Min. insulation resistance	[MΩ]	100; (500 V DC)
Protection class		III
Reverse polarity protection		yes
Power-on delay time	[s]	1.5...10; (depending on the connected sensor)

Outputs

Max. voltage drop switching output DC	[V]	2
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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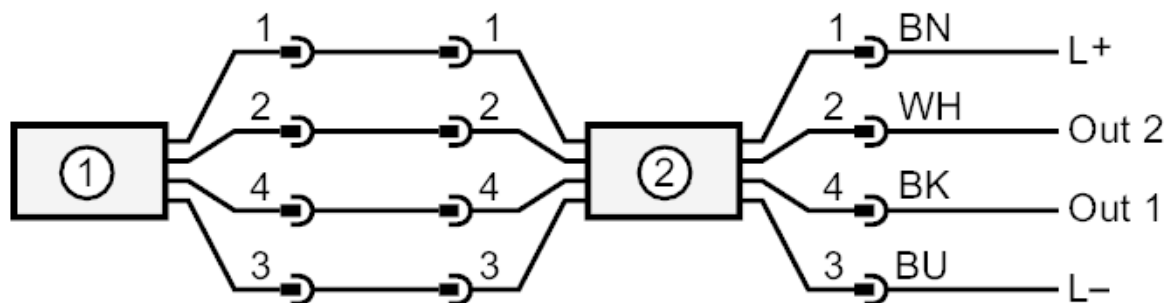
PP2001



Programming/display unit

PP-PRG- /QFRKG/US/ /

Operating conditions		
Ambient temperature	[°C]	-25...80
Storage temperature	[°C]	-40...100
Protection		IP 67; (for unit with screwed-on connectors)
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)
MTTF	[years]	229
Mechanical data		
Weight	[g]	330
Dimensions	[mm]	100 x 34 x 48
Materials		stainless steel (1.4404 / 316L); CO-PC; PBT; FKM
Displays / operating elements		
Display	Display unit	6 x LED, green
	switching status	2 x, yellow
	function display	alphanumeric display, 4-digit
	measured values	alphanumeric display, 4-digit
Accessories		
Accessories (supplied)		jumper cables: 0,8 m, for parameter setting in the offline mode
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Connection		



1 = sensor
2 = PP2001

Connector: 1 x M12; Contacts: gold-plated

PP2001

Programming/display unit

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