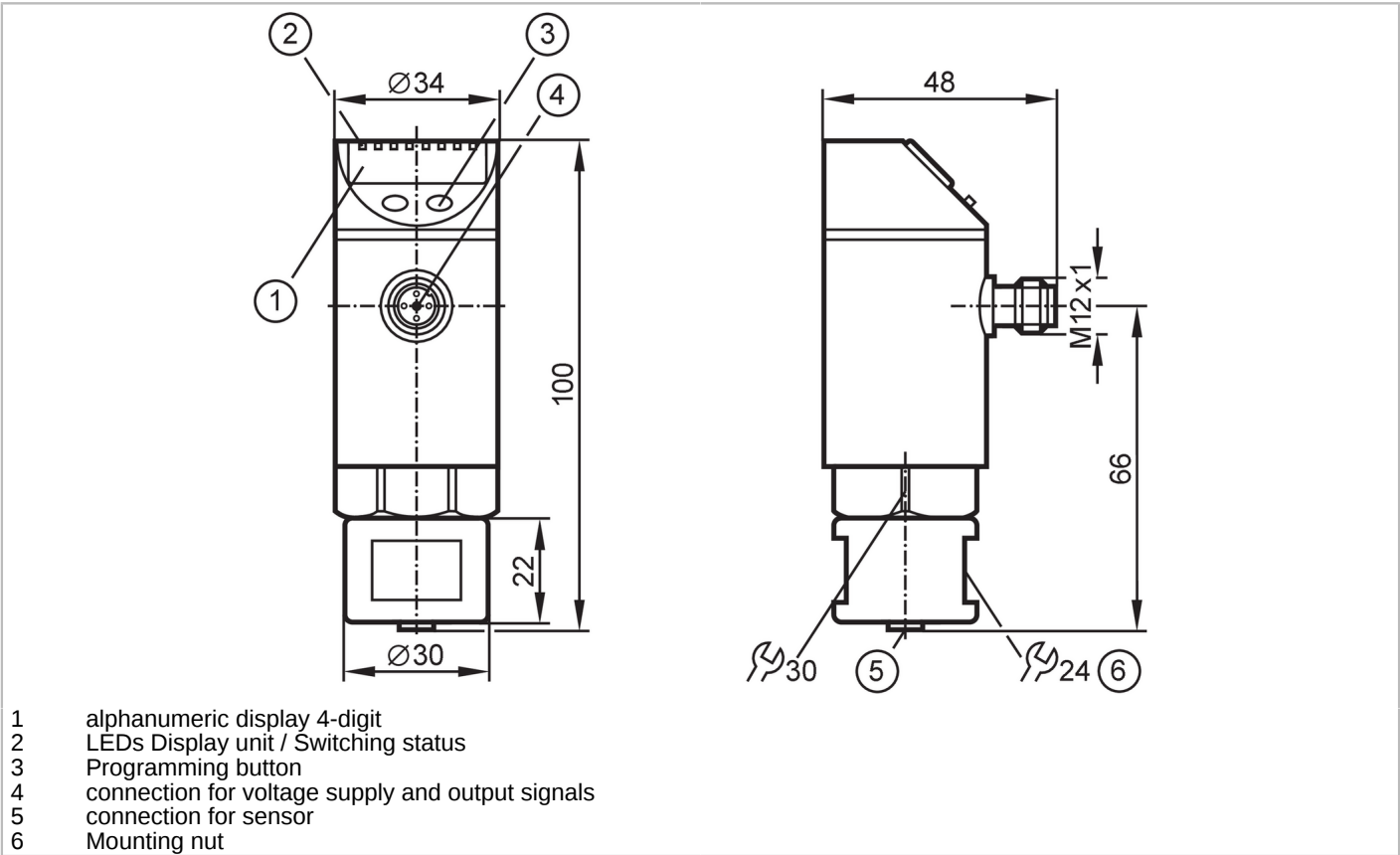


PP2001



Programming/display unit

PP-PRG- /QFRKG/US/ /



Application		
Special feature		gold-plated contacts
Application		for industrial applications
Electrical data		
Operating voltage	[V]	18...32 DC
Current consumption	[mA]	< 40
Min. insulation resistance	[M Ω]	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		yes (non-latching)
Overload protection		yes
Reaction times		
Max. measuring/display cycle	[ms]	200

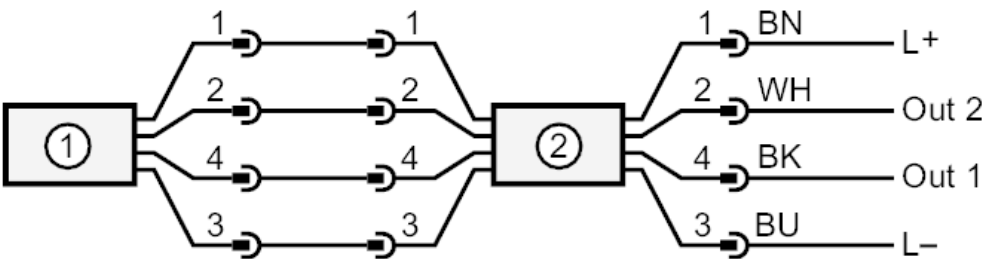
PP2001



Programming/display unit

PP-PRG- /QFRKG/US/ /

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; (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]	333.5
Dimensions	[mm]	100 x 34 x 48
Material	stainless steel (1.4404 / 316L); CO-PC; PBT; FKM	
Displays / operating elements		
Display	Display unit	6 x LED, green
	Switching status	2 x LED, yellow
	Function display	alphanumeric display, 4-digit
	Measured values	alphanumeric display, 4-digit
Accessories		
Items supplied	Patchcords: 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