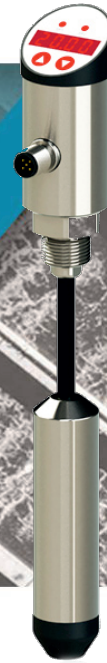


EPT4000-L

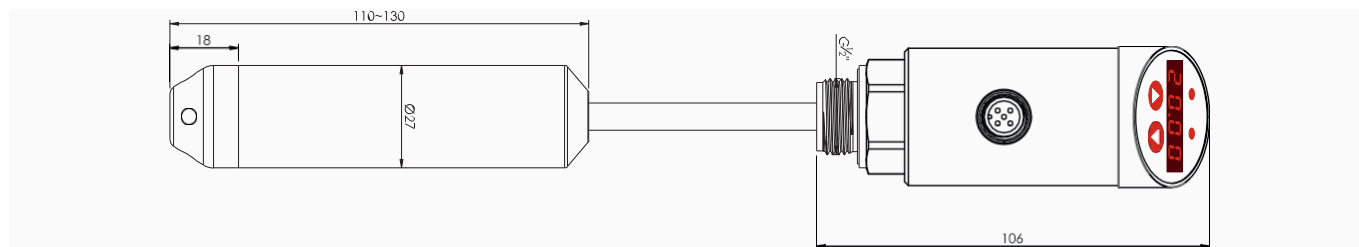
Electronic Level Switch



TECHNICAL SPECIFICATIONS

Performance	
Accuracy	0.5 % FS@25°C(Typ.)
Operating Temperature	-20 to 85°C
Compensated Temperature Range	-10 to 70°C
Vibration	20 g RMS (20 to 2000 Hz)
Shock	100 g (10 ms)
Cycles	10x10 ⁵
Long Term Stability	0.3 % FS
Electrical @25°C	
Output signal	4...20 mA PNP&NPN, normally close (NC) or normally open (NO)
S1, S2 current output	<500 mA
Power supply	12...30 VDC
Current drain	max.30 mA, 24 VDC
Response time	<10 ms
Voltage drop	< 1V
Load resistance	<500 Ω
Insulation Resistance	100 MΩ@100 VDC
EMC Test	IEC61000-6-2/IEC61000-6-3
Reverse polarity protection	No damage - no function
Physical Specifications	
Housing	304 stainless steel
Diaphragm	316L stainless steel
Sealing	NBR or Viton O-ring
Oil Filling	Silicone oil
Protection	IP66
Weight	~300g (without cable)

Dimensions (All dimensions in mm)



Electrical connections

Connector M12 x 1 (5-pin) Signal

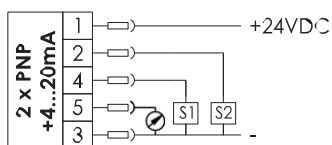
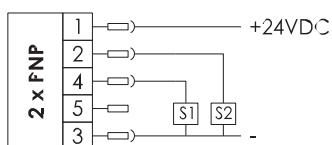


Supply +
Supply -
Switching output S1
Switching output S2
4...20mA

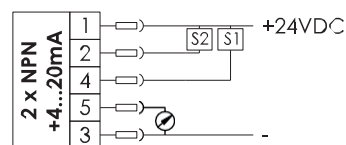
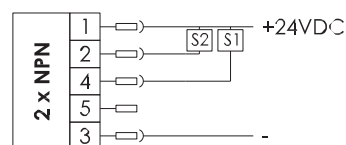
Pin

1 / brown
3 / blue
4 / black
2 / white
5 / grey

PNP Electrical connections



NPN Electrical connections



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