Digital Sensor Level Fuel (Capacitive)

LP-Ex-15Pro

Water Level Transmitter

High Precision, Isolation circuit board

Strong anti-interference

304 or 316L stainless steel shell

PRODUCT PARAMATER

Data Sheet

Quick response
6-8ms(ms) instantaneous pressure response

Triple protection
Reverse connection protection over voltage protection over current protection

Matching degree is high
Standard analog output to support various types of industrial control equipment

Waterproof and dustproof
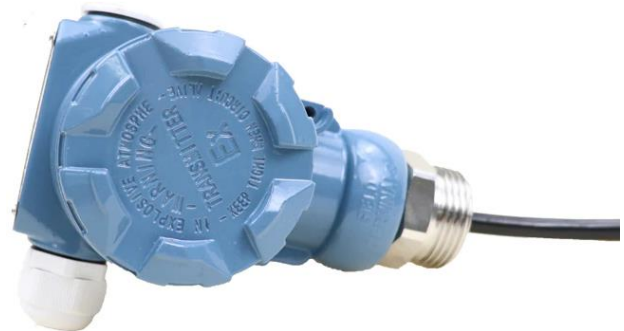IP68 grade, suitable for all kinds of site

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PRODUCT PARAMATER		Data Sheet

Strong signal stability

· Product sealing is very good
· Signal stability is good

High quality protective housing

· Full metal armor
· High strength steel tube structure

☑ Level monitoring
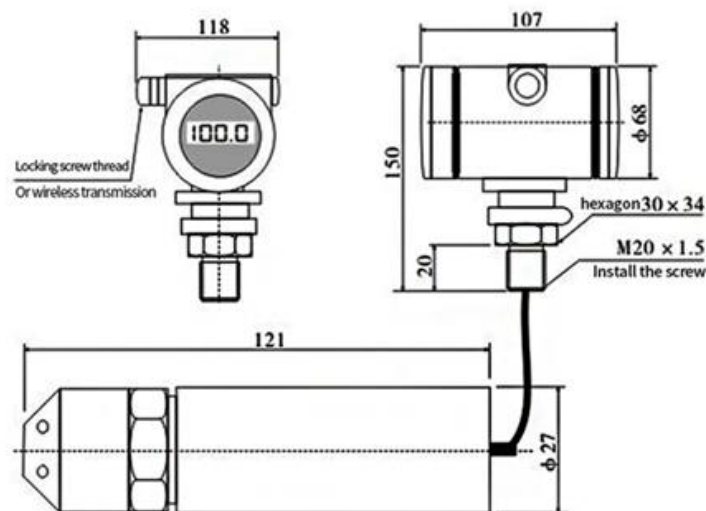
Level transmitter
+
Display meter

PRODUCT PARAMATER

Data Sheet

Model	LP-Ex-15Pro
Power supply	3-5VDC、12-36VDC (standard)
Output single	4~20mA、1~5V、0~10V、RS485
Measuring range	0.5… 500 metre
Compensation temperature	-10~70°C
Medium temperature	-40~80°C
Environment temperature	-40~85°C
Measuring media	Liquid、Water
Accuracy	0.1%F.S、0.25%F.S (standard)
Zero tempe drift	±0.03%F.S /°C
Sensitivity temperature drift	±0.03%F.S /°C
Material	316L core&Rubber breathable cable
Overload	200%F.S
Long-term stability	≤0.2%F.S / year
Inherent frequency	5kHz~650kHz
Protection grade	IP68

PRODUCT PARAMATER

Product Size

(Units: mm)

PRODUCT PARAMATER

Product Size

Product Series						
LP-Ex-15Pro						
	Measuring range					
	Selection between 0-500 meters					
		Accuracy Level				
		A1:0.1%F.S、 A2:0.25%F.S （standard)				
			Power Supply Mode			
			B1:12-36VDC、B2:3V-5VDC			
				Signal Output		
				C1: 4~20mA （2-wire) 、C2: 0-5V （3-wire) C3: 0-10V （3-wire) 、C4: RS485 （4-wire) C5: Others		
					Display	
					D1:NONE D2:LED D3:LCD	
						Installation mode
						E1: G1 Thread （standard) E2: Flange

LP-Ex-15Pro	-5m	-A1	-B1	-C1	-D1	-E1
Eg: LP-Ex-15Pro	-5m	-A1	-B1	-C1	-D1	-E1

PRODUCT PROCESS

1. Incoming quality controlIncoming quality control
2. Six precise calibrations to ensure full range accuracy
3. Intelligent aging system to screen out defective products
4. Temperature ,Humidity and Vibration Comprehensive test
8. PCB Board Exit inspection PCB
7. Silicone get protection technology
6. Intelligent chip design, more accurate and stable signal
5. Laser marking
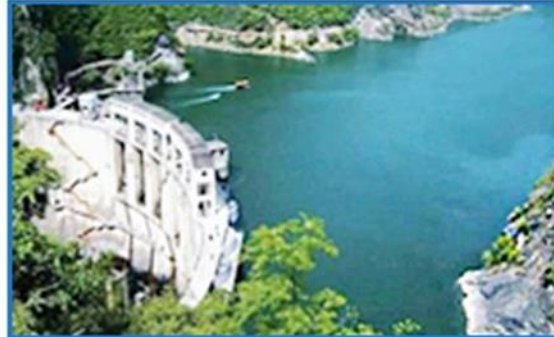
PRODUCT APPLICATION

· Water level measurement of fire water tank

· Reservoir level measurement

· Water level detection of well

· Sewage level measurement