
IN-LLT SUBMERSIBLE LEVEL TRANSMITTER

Features:

- Low installation Cost
- Easy to install
- Rugged Construction
- Solid State Reliability
- Fully Calibrated
- Reverse Voltage Protection
- Fully insulated
- Loop Powered

Typical Applications:

- Reservoirs
- Holding Tanks
- Surge Tanks
- Wet Wells
- Effluent ponds
- Rivers
- Bore Holes

Description:

The model IN-LLT is a media Compatible level transmitter specifically designed for continuous liquid level monitoring

The transmitters are made from stainless steel with an internal mounted piezoresistive pressure sensor.

Suspension by cable enables the transmitter to be positioned near the bottom of the liquid level.

Cables are individually manufactured for customer requirements.



Performance Specifications:

Supply Voltage = 24Vdc & Ambient Temperature = 25°C (Unless otherwise specified)

PARAMETER	MIN	TYP	MAX	UNITS	NOTES
Full-Scale Output Span	15.84	16.00	16.16	mA	
Full-Scale Output		20.00		mA	
Zero Pressure Output	3.84	4.00	4.16	mA	2
Static Accuracy			.5	±% Span	3
Temperature Coefficient-Span			1.0	±% Span	1
Temperature Coefficient-Zero			1.0	±% Span	1
Supply Voltage	9	24	28	Vdc	
Line Regulation		.005		%V	
Loop Resistance	0	750	950	Ohms	Fig.2
Response Time		1		mS	
Output Noise		.001		mA P-P	
Insulation Resistance (50V)	50			M Ω	
Pressure Overload			3X	Rated	4
Operating Temperature	-20°C to +85°C				
Storage Temperature	-40°C to +125°C				
Media	Compatible with	316	Stainless Steel		
Weight		1220		gms	

Notes

1. Temperature range: 0-50°C in reference to 25°C.
2. Measured at vacuum for absolute (A) and one Standard atmosphere for sealed gage (S) and Atmospheric for gage (G)
3. Includes repeatability, pressure hysteresis and Linearity (best fits straight line)
4. 3X or 60 mpa maximum, whichever is less.

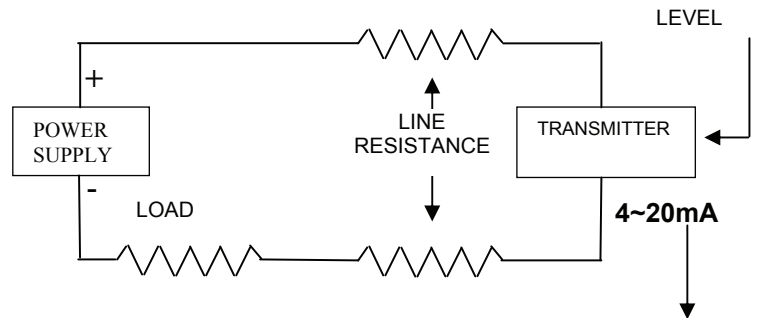


FIGURE 1: TRANSMITTER SYSTEM DIAGRAM

Item	Code		Specification
Model	IN-LLT		
Type	1		Pencil
	2		Envelope
Interface	I		Internal diagram
	F		Flush diagram
Range			2.5 Meters
			4 Meters
			6 Meters
			10 Meters
			40 Meters
			60 Meters
Hose & Cable Length			