



Description & Features:

- Heavy-duty submersible transmitter for level measurement in sludge and slurry installations
- 316L SS housing with anti-clogging sensor and reinforced diaphragm seal
- Standard ranges from 2 thru 50 psi, optional ranges from up to 140 psi
- ±0.25% accuracy
- 33' (10m) of vented cable standard, other lengths also available
- NEMA 6P / IP68 for full immersion
- 5 year warranty

Applications:

- Manufactured for level measurement in sludge and slurry installations including lifting stations



Specifications

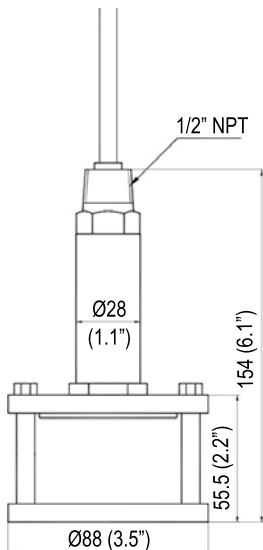
Output Signal	Standard 2-wire: 4-20 mA / Vs = 10-36 Vdc Optional 3-wire: 0-5 V / Vs = 10-36 Vdc 3-wire: 0-10 V / Vs = 10-36 Vdc
Accuracy	Standard: ±0.25% FSO Optional: ±0.5% FSO
Response Time	<10 ms
Permissible Temperature	Operating: -40°F to 185°F (-40°C to 85°C)
Reverse Polarity Protection	No damage. No function.
Electromagnetic Compatibility	EN50081-1/2
Housing	316L SS
Pressure Port	Flush mount
Diaphragm	316L SS w/1Cr18Ni9Ti
Electrical Connector	1/2" NPTM submersible conduit
Lightning Protection	Lifetime
Enclosure Rating	NEMA 6P/IP68

Order Codes

Range psi ("H ₂ O)	Over-pressure	Burst Pressure	Code
0/2 psi (0/55)	3 psi	6 psi	LM1002
0/5 psi (0/138)	7.5 psi	15 psi	LM1005
0/10 psi (0/277)	15 psi	30 psi	LM1010
0/15 psi (0/415)	22.5 psi	45 psi	LM1015
0/25 psi (0/692)	37.5 psi	75 psi	LM1025
0/30 psi (0/830)	45 psi	90 psi	LM1030
0/50 psi (0/1,384)	75 psi	150 psi	LM1050

Other scales available on request.

Transmitters



Note: Polyurethane cable standard, PTFE optional

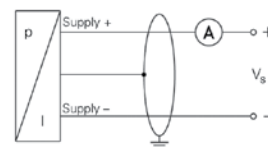
Pin Configuration

Electrical Connection	Cable Colours	
2-wire system	Power V+	Red
	Signal Output	Green/Blue
	Shield	Yellow
3-wire system	Power V+	Red
	Signal Output	Green/Blue
	Ground Shield	Black Yellow

Wiring Diagram

Standard

2-wire-system (current)



Optional

3-wire-system (current / voltage)

