



### 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
- $\pm 0.25\%$  accuracy
- 33' (10m) of vented cable standard, other lengths also available
- NEMA 6P / IP68 for full immersion
- 1 year warranty

### Applications:

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

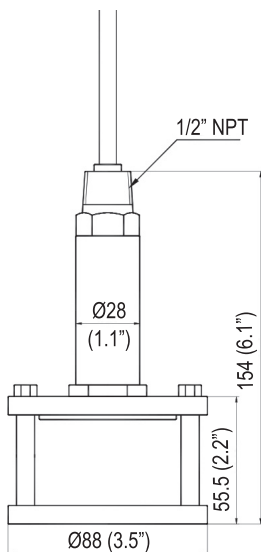
### Specifications

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

### Order Codes

Range psi ("H <sub>2</sub> 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.



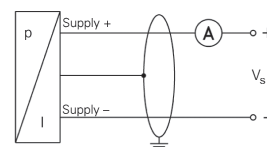
### Pin Configuration

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

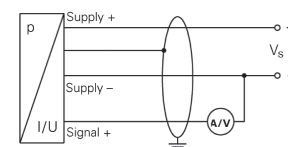
#### Standard

2-wire-system (current)



#### Optional

3-wire-system (current / voltage)



Note: Polyurethane cable standard, Teflon® optional  
Teflon® is a registered trademark of DuPont Corporation