

# LM3 LM3 Series Transmitter



## Description and Features:

- Designed for continuous level measurement in water or wastewater (thin fluids)
- Good linearity and long term stability
- Flush mounted ceramic sensor, which makes cleaning easier
- Pressure ranges from 50 to 400" H<sub>2</sub>O and 5 to 300 psi
- Suitable for explosive environments
- ±0.25% FSO BFSL
- CSA File 211107-2050042260
- 1 year warranty

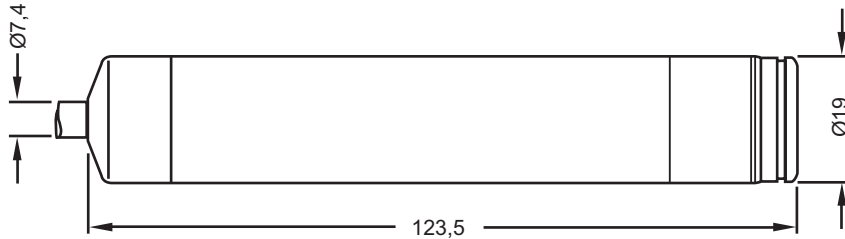
## Applications:

- Sewage and water treatment plants
- Depth or level measurement in wells and open waters
- Ground water level measurement
- Level measurement in open tanks

Specifications	
Electrical Output Signal	Standard: 2-wire: 4 ... 20 mA / 12 ... 36 VDC
Accuracy	±0.25% FSO BFSL
Response Time	<10ms
Thermal Effect	±0.2% FSO per 10K -13°F to 158°F (-25°C to 70°C)
Normal Operating Temperature Range	14°F to 158°F (-10°C to 70°C)
Normal Storage Temperature Range	-13°F to 158°F (-25°C to 70°C)
Housing	316Ti SS
Seals	FKM/EPDM (optional)
Diaphragm	Ceramic Al <sub>2</sub> O <sub>3</sub> 96%
Cable Sheath	PVC/PUR/FEP

## Order Codes

Range	Permissible Overpressure	Code
50" H <sub>2</sub> O	14 psi	LM3W05
100" H <sub>2</sub> O	14 psi	LM3W10
150" H <sub>2</sub> O	14 psi	LM3W15
200" H <sub>2</sub> O	14 psi	LM3W20
300" H <sub>2</sub> O	14 psi	LM3W30
400" H <sub>2</sub> O	14 psi	LM3W40
5 psi	14 psi	LM3005
10 psi	84 psi	LM3010
15 psi	84 psi	LM3015
25 psi	84 psi	LM3025
50 psi	280 psi	LM3050
100 psi	560 psi	LM3100
200 psi	840 psi	LM3200
300 psi	840 psi	LM3300



Note: Measurements are in mm

### Series Number (for custom, non-standard product)

	L	M	3							
<b>SERIES</b>										
<b>PRESSURE RANGE</b>										
0-50 " H2O				W	0	5				
0-100 " H2O				W	1	0				
0-150" H2O				W	1	5				
0-200" H2O				W	2	0				
0-300" H2O				W	3	0				
0-400" H2O				W	4	0				
0-5 PSI				0	0	5				
0-10 PSI				0	1	0				
0-15 PSI				0	1	5				
0-25 PSI				0	2	5				
0-50 PSI				0	5	0				
0-100 PSI				1	0	0				
0-200 PSI				2	0	0				
0-300 PSI				3	0	0				
<b>OUTPUT</b>										
4-20 mA 2 WIRE							1			
0-20 mA 3 WIRE							2			
0-10 VDC 3 WIRE							3			
SPECIAL							9			
<b>SEALS</b>										
FKM								1		
SPECIAL								9		
<b>ACCURACY</b>										
0.25%									5	
SPECIAL									9	
<b>ELECTRICAL CONNECTION</b>										
PVC CABLE										1
PUR CABLE										2
FEP CABLE										3
SPECIAL										9
<b>CABLE LENGTH</b>										
FEET x 5										X X