

# LM9 LM9 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 2 to 8 psi
- Suitable for explosive environments
- $\pm 0.25\%$  FSO BFSL
- CSA File 211107-2050042260
- 1 year warranty

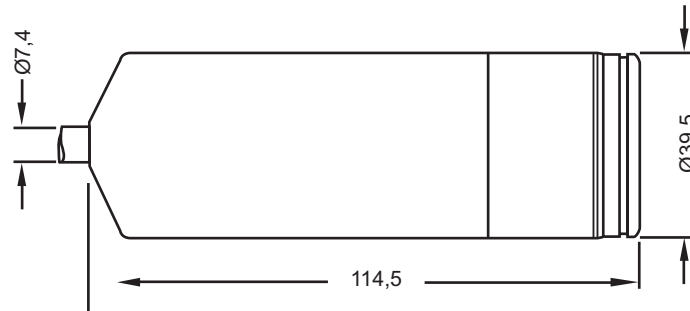
### Applications:

- 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	$\pm 0.25\%$ FSO BFSL
Response Time	<10ms
Thermal Effect	$\pm 0.2\%$ 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
2 psi	14 psi	LM902
4 psi	14 psi	LM904
6 psi	14 psi	LM906
8 psi	42 psi	LM908



Note: Measurements are in mm

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

	L	M	9	-	-	-	-	-	-	-	-
<b>SERIES</b>											
<b>PRESSURE RANGE</b>											
0-2 PSI					0	2					
0-4 PSI					0	4					
0-6 PSI					0	6					
0-8 PSI					0	8					
<b>OUTPUT</b>											
4-20 mA 2 WIRE							1				
SPECIAL							9				
<b>SEALS</b>											
FKM								1			
EPDM								2			
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