

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

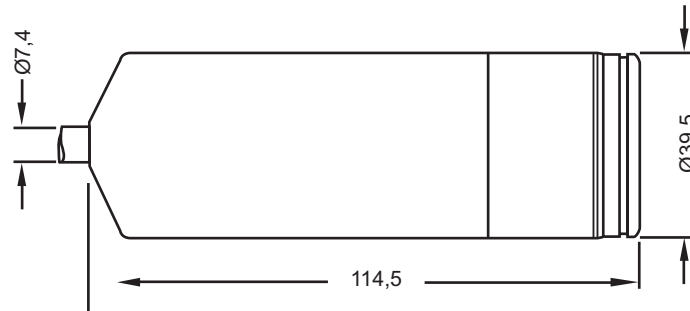
Applications:

- 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
Excitation Voltage	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 ₂ O ₃ 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	-	-	-	-	-	-	-	-	-
SERIES												
PRESSURE RANGE												
0-2 PSI												
0-4 PSI												
0-6 PSI												
0-8 PSI												
OUTPUT												
4-20 mA 2 WIRE												
SPECIAL												
SEALS												
FKM												
EPDM												
SPECIAL												
ACCURACY												
0.25%												
SPECIAL												
ELECTRICAL CONNECTION												
PVC CABLE												
PUR CABLE												
FEP CABLE												
SPECIAL												
CABLE LENGTH												
FEET x 5												