

# LM7 LM7 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 8 to 300 psi
- Suitable for explosive environments
- $\pm 0.25\%$  FSO BFSL
- CSA File 211107-2050042260
- 1 year warranty

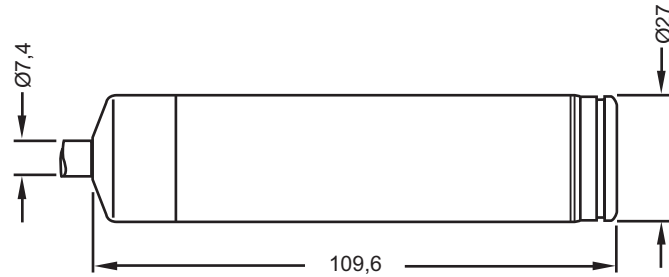
## Applications:

- 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
8 psi	42 psi	LM7008
15 psi	42 psi	LM7015
20 psi	84 psi	LM7020
35 psi	84 psi	LM7035
60 psi	280 psi	LM7060
100 psi	280 psi	LM7100
160 psi	840 psi	LM7160
200 psi	840 psi	LM7200
300 psi	840 psi	LM7300



Note: Measurements are in mm

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

	L	M	7	-		-		-		-		-		
<b>SERIES</b>														
<b>PRESSURE RANGE</b>														
0-8 PSI					0	0	8							
0-15 PSI					0	1	5							
0-20 PSI					0	2	0							
0-35 PSI					0	3	5							
0-60 PSI					0	6	0							
0-100 PSI					1	0	0							
0-160 PSI					1	6	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 V 3 WIRE								3						
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