

LM6 LM6 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" H₂O and 5 to 300 psi
- Suitable for explosive environments
- ±0.25% FSO BFSL
- CSA File 211107-2050042260
- 1 year warranty

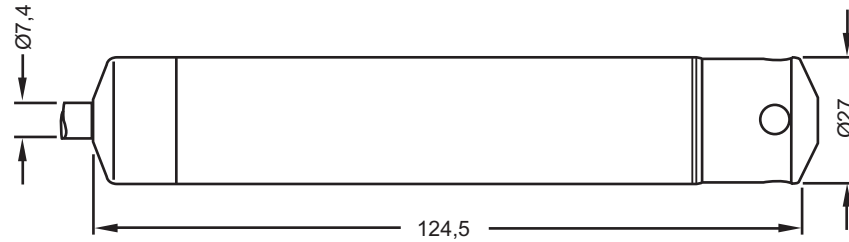
Applications:

- 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 ₂ O ₃ 96%
Cable sheath	PVC/PUR/FEP

Order Codes

Range	Permissible Overpressure	Code
50" H ₂ O	14 psi	LM6W05
100" H ₂ O	14 psi	LM6W10
150" H ₂ O	14 psi	LM6W15
200" H ₂ O	14 psi	LM6W20
300" H ₂ O	14 psi	LM6W30
400" H ₂ O	14 psi	LM6W40
5 psi	14 psi	LM6005
10 psi	84 psi	LM6010
15 psi	84 psi	LM6015
25 psi	84 psi	LM6025
50 psi	280 psi	LM6050
100 psi	560 psi	LM6100
200 psi	840 psi	LM6200
300 psi	840 psi	LM6300



Note: Measurements are in mm

Series Number (for custom, non-standard product)

	L	M	6	-	-	-	-	-	-	-	-
SERIES											
PRESSURE RANGE											
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				
OUTPUT											
4-20 mA 2 WIRE								1			
0-20 mA 3 WIRE								2			
0-10 VDC 3 WIRE								3			
SPECIAL								9			
SEALS											
FKM									1		
SPECIAL									9		
ACCURACY											
0.25%										5	
SPECIAL										9	
ELECTRICAL CONNECTION											
PVC CABLE											1
PUR CABLE											2
FEP CABLE											3
SPECIAL											9
CABLE LENGTH											
FEET x 5											X X