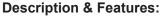
## **General Purpose Submersible Transmitter**





- Designed for continuous level measurement in water or wastewater (thin film)
- Good linearity for long term stability
- Available ranges up to 300 psi
- Wide range of mechanical and electrical connections
- ±0.5% accuracy
- NEMA 6P / IP68. Approved for outdoor use
- Customizable
- 1 year warranty





## **Applications:**

Appropriate for all level and depth measurement applications including open tanks, ground water monitoring, sewage and water treatment facilities

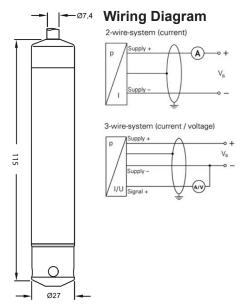
Specifications				
Output Signal	Standard 2-wire: 4-20 mA / Vs = 8-32 Vdc Optional 3-wire: 0-20 mA / Vs = 14-30 Vdc 0-10 V / Vs = 14-30 Vdc			
Accuracy	≤±0.5% FSO			
Permissible Load	Current 2-wire: Rmax = [(Vs - Vs min) / 0.02] Ohm Current 3-wire: Rmax = 500 Ohm Voltage 3-wire: Rmin = 10 kOhm			
Influence Effects	Supply: 0.05% FSO / 10 V Load: 0.05% FSO / kOhm			
Response Time	≤10 ms			
Thermal Error	≤±0.2% FSO / 10K			
Permissible Temperatures	Medium: 14°F to 158°F (-10°C to 70°C) Storage: -13°F to 158°F (-25°C to 70°C)			
Short Circuit Protection	Permanent			
Reverse Polarity Protection	No damage. No function.			
Electromagnetic Protection	Emission and immunity according to EN 61326			
Connecting Cables	Cable capacitance: Signal line/shield and signal line/signal line: 160 pF/m Cable inductance: Signal line/shield and signal line/signal line 1 µH/m			
Electrical Connection	Cable with sheath material: PVC grey, PUR black, FEP black			
Pollution Degree	4, electrical equipment for outdoor use			
Housing	316L SS			
Seals	FKM (Viton®, Kalrez®) / EPDM			
Diaphragm	Ceramic Al <sub>2</sub> O <sub>3</sub> 96%			
Protection Cap	POM			
Current Consumption	Current: 25 mA max Voltage: 7 mA max			
Weight	250 g (without cable)			
Enclosure Rating	NEMA 6P / IP68			
CE Conformity	EMC directive: 2004/108/EC			

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## **Order Codes**

Range	Over- pressure	Burst Pressure	Code		
0/8 psi	9 psi	58 psi	LM7008		
0/15 psi	29 psi	58 psi	LM7015		
0/20 psi	58 psi	73 psi	LM7020		
0/35 psi	58 psi	73 psi	LM7035		
0/60 psi	145 psi	174 psi	LM7060		
0/100 psi	145 psi	174 psi	LM7100		
0/160 psi	290 psi	363 psi	LM7160		
0/200 psi	580 psi	725 psi	LM7200		
0/300 psi	580 psi	725 psi	LM7300		

Pin Configuration		
Electrical Connection	Cable Colours (DIN 47100)	
Supply +	White	
Supply -	Brown	
Signal + (only 3-wire)	Green	
Shield	Yellow/green	



Note: Measurements are in mm. Cable not included (specify type and length)