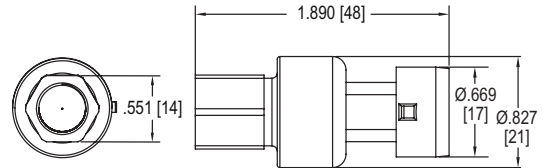


OEM PRESSURE TRANSMITTER

Excellent Pressure Surge Resistance, Fast Response



The **Series 638R OEM Pressure Transmitter** is a high-accuracy, low-cost pressure transmitter designed for industrial equipment markets. This transmitter is designed to work with all liquids and gases that are compatible with the wetted materials. The series features a number of configurable options including wetted materials, process connections, and pressure ranges. Whether the application involves aggressive fluids or extreme temperatures, this transmitter is a great option for most applications.

BENEFITS/FEATURES

- High-accuracy pressure transmitter with a fast response time and excellent pressure surge protection
- Suitable for use in applications with extreme temperatures and aggressive fluids
- Highly configurable cost-effective transmitter with a compact design

APPLICATIONS

- HVAC equipment
- Refrigeration equipment
- Refrigerant recovery
- Leak detection systems
- Building pressurization
- Isolated diaphragm packages
- Closed loop hydraulics
- Paint and agriculture spraying

SPECIFICATIONS

Service: Compatible gases and liquids.
Wetted/Housing Materials: Brass, aluminum, or 316 SS.
Accuracy: $\pm 1.2\%$ FS (includes linearity, hysteresis, repeatability and calibration); Static error band @ 25°C, 5.0 VDC supply voltage.
Cycle Life: 10 million FS cycles.
Storage Temperature: -40 to 302°F (-40 to 150°C).
Operating Temperature: -40 to 275°F (-40 to 135°C).
Pressure Limit: see model chart.
Thermal Effect: $\pm 0.013\%$ FS/°C.
Power Supply: 5 VDC.
Output Signal: 0.5-4.5 VDC ratiometric.
Response Time: 10 ms typical.
Output Load: 20 k Ω min. (pull-up or pull-down).
Current Consumption: < 10 mA @ 5.5 VDC (8.5 mA typical).
Electrical Connection: Packard connection.
Process Connection: 7/16" 20 UNF (female) or 1/4" NPT (female).
Enclosure Rating: IP67 (with IP67 plug).
Mounting Orientation: Mount in any position.
Weight: 1.1 oz (30 g).
Agency Approvals: CE.

MODEL CHART						
Example	638R	-00	-P2	-E1	-S2	-SS
Series	638R					
Pressure Range		00 01 02 03 04 05 06				
Process Connection			P1 P2			
Electrical Connection				E1		
Electrical Output					S2	
Housing Material						AL BR SS

Example	638R	-00	-P2	-E1	-S2	-SS
Series	638R					
Pressure Range		00 01 02 03 04 05 06				
Process Connection			P1 P2			
Electrical Connection				E1		
Electrical Output					S2	
Housing Material						AL BR SS