The Series 681 Sanitary Pressure Transmitter is designed to meet sanitary standards for applications in food, dairy, beverage, and pharmaceutical processing, liquid level control, and sanitary pipelines. The unit is fully sealed to withstand high pressure washdown in Clean-in-Place (CIP) and Sterilize-in-Place (SIP) installations. The Series 681 is designed with a unique, no liquid fill diaphragm and a sanitary clamp pressure fitting for easy installation with negligible clamping effect. A conduit fitting, shielded cable with vent tube and sealed screws for zero and span adjustment combine to make the Series 681 completely watertight.

SPECIFICATIONS
Service: Compatible liquids and gases.
Wetted Parts: 316L SS.
Accuracy: ±0.25% of calibrated span.
Temperature Limits: -40°F to 212°F (-40°C to 100°C).
Pressure Limits: 300% full scale.
Compensated Temperature Range: -20°F to 180°F (-25°C to 80°C).
Thermal Effect: ±0.25% of span.
Power Requirements: 9-30 VDC.
Output Signal: 4-20 mA DC, 2-wire.
Zero and Span Adjustment: ±10% each.
Response Time: Time constant, 20 ms.
Loop Resistance: 600 ohms @ 24 VDC, max. ohms × (supply voltage -12) x 50.
Electrical Connection: 1/2” female NPT.
Process Connection: 1-1/2” sanitary clamp.
Weight: 1.67 lb (752 g).
Agency Approvals: CE.