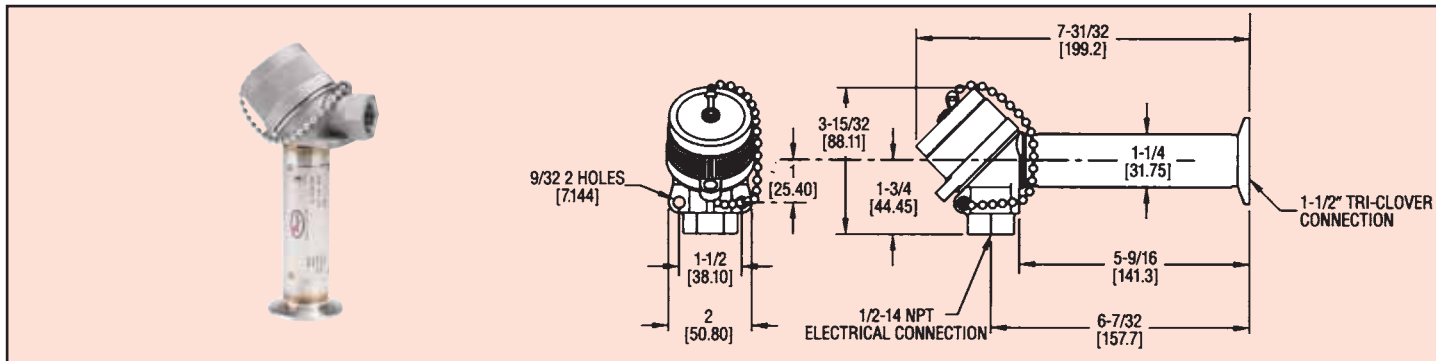




Series  
637S

# Sanitary Pressure Transmitter

Meets NACE Standards, Accuracy  $\pm 0.25\%$



**Low cost, durable sanitary pressure transmitter** is designed for use in food, dairy, beverage and pharmaceutical industries. This unit features superior  $\pm 0.25\%$  accuracy and up to 5:1 turndown. Calibration is quick and easy with field accessible zero and span adjustments. All stainless steel construction resists the corrosive effects of caustic washes used in most food processing cleaning procedures. 1-1/2" sanitary clamp process connection is suitable for Clean-in-Place (CIP) applications, eliminating the need for expensive bypass piping, valving or removal requirements for steam cleaning.

Model	Stock Range, psi (bar)	Min. Range, psi (bar)
637S-0	0-15 (0-1)	0-6 (0-0.4)
637S-1	0-30 (0-2)	0-15 (0-1)
637S-2	0-100 (0-7)	0-20 (0-1.4)
637S-3	0-300 (0-20)	0-60 (0-4)

## SPECIFICATIONS

**Service:** Liquid, gas or vapor.

**Wetted Materials:** 316L SS.

**Body:** 316 SS.

**Accuracy:**  $\pm 0.25\%$  of calibrated span.

**Temperature Limits:** Process interface

-40 to 212°F (-40 to 100°C).

**Pressure Limits:** 300% full scale.

**Compensated Temperature Range:**

-20 to 180°F (-25 to 80°C).

**Thermal Effect:** (Includes zero and

span)  $\pm 1\%$  of upper range limit per

50°F (30 to 130°F);  $\pm 1.6\%$  of upper

range limit per 50°F (10 to 180°F).

**Power Requirements:** 12-40 VDC with

reverse polarity protection.

**Output Signal:** 4-20 mA DC, max. 30 mA DC (2-wire).

**Zero and Span Adjustments:**  $\pm 10\%$  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.