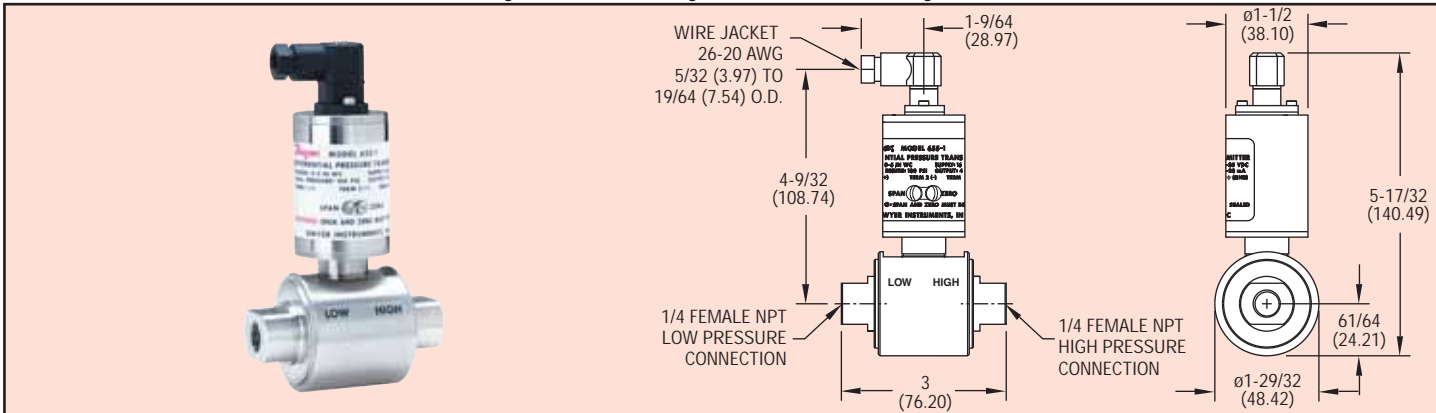




Series  
655

# Wet/Wet Differential Pressure Transmitter

## Low Range, 0-5" w.c., High Maximum Working Pressure



The Series 655 Wet/Wet Differential Pressure Transmitter converts a positive or a positive differential pressure measurement into a standard 4-20 mA output signal. Designed for use as a wet/wet differential pressure transmitter, units can be used to measure gas or liquid pressures compatible with 316/316L SS wetted parts. With an accuracy of  $\pm 0.5\%$  FS, the Series 655 Pressure Transmitter can measure low differential pressures, but can withstand working pressures to a maximum of 300 psi (20.7 bar).

Model	Range
655-1	0-5" w.c. (1.24 kPa)
655-2	0-8" w.c. (1.99 kPa)
655-3	0-10" w.c. (2.49 kPa)
655-4	0-20" w.c. (4.98 kPa)
655-5	0-1 psid (6.895 kPa)

### SPECIFICATIONS

**Service:** Compatible gases & liquids.

**Wetted Materials:** Types 316, 316L SS.

**Accuracy:**  $\pm 0.5\%$  F.S. (Includes linearity, hysteresis & repeatability).

**Stability:**  $\pm 1\%$  F.S./yr.

**Temperature Limits:** 0 to 140°F (-17.8 to 60°C).

**Compensated Temperature Limits:** 40 to 120°F (4.44 to 48.9°C).

**Pressure Limits:** 300 psi (20.7 bar) continuous; 2000 psi (137.8 bar) burst. A zero shift of up to  $\pm 2\%$  F.S. may occur when 300 psi pressure is applied.

**Thermal Effect:** 0.025% F.S./°F (0.045% F.S./°C).

**Power Requirements:** 16-35 VDC (2-wire).

**Output Signal:** 4 to 20 mA.

**Zero & Span Adjustments:** Accessible potentiometers.  $\pm 10\%$  of span.

**Loop Resistance:** DC; 0-1250 ohms maximum.

**Current Consumption:** DC; 38 mA max.

**Electrical Connections:** 3 position plastic terminal block.

**Process Connections:** 1/4" female NPT.

**Enclosure Rating:** Designed to meet NEMA 4X (IP66).

**Mounting Orientation:** Not position sensitive.

**Weight:** 1 lb, 11.7 oz (785 g).