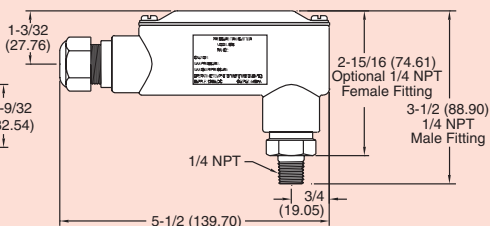
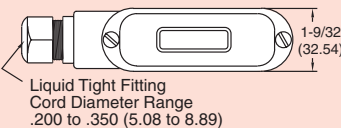




Series
626

Industrial Pressure Transmitter

0.25% Accuracy, NEMA 4X Enclosure



The Dwyer Series 626 Pressure Transmitter converts a single positive pressure into a standard 4-20 mA output signal. The Series 626 can be used to accurately measure compatible gases and liquids. Accuracy is $\pm 0.25\%$ of full scale. Designed for industrial environments, with its NEMA 4X (IP66) housing and 1/2" female NPT conduit connection, this transmitter resists most effects of shock and vibration. Independently adjustable zero and span controls are provided, located inside the enclosure.

SPECIFICATIONS

Service: Compatible gases and liquids.

Wetted Materials: Type 316, 316L SS.

Accuracy: $\pm 0.25\%$ full scale (includes linearity, hysteresis, and repeatability).

Temperature Limit: 0 to 200°F (-18 to 93°C).

Compensated Temperature Range: 0 to 175°F (-18 to 79°C).

Thermal Effect: $\pm 0.02\%$ FS/°F (includes zero and span).

Pressure Limits: See chart.

Power Requirements: 13 to 35 VDC (2-wire).

Output Signal: 4 to 20 mA.

Zero and Span Adjustments:

Accessible potentiometers.

Response Time: 50 msec.

Loop Resistance: 0 - 1300 ohms maximum.

Current Consumption: 38 mA (max.).

Electrical Connections:

Terminal block; 1/2" female NPT conduit.

Process Connection: 1/4" male NPT (optional 1/4" female NPT).

Enclosure Rating: NEMA 4X (IP66).

Mounting Orientation: Mount in any position.

Weight: 10 oz (283 g).

STOCKED MODELS

Model Number	Pressure Ranges		
	Pressure Range	Maximum Pressure	Over Pressure
626-07-CH-P1-E5-S1	0-15 psi	30 psi	150 psi
626-08-CH-P1-E5-S1	0-30 psi	60 psi	300 psi
626-09-CH-P1-E5-S1	0-50 psi	100 psi	300 psi
626-10-CH-P1-E5-S1	0-100 psi	200 psi	500 psi
626-12-CH-P1-E5-S1	0-200 psi	400 psi	1000 psi
626-13-CH-P1-E5-S1	0-300 psi	600 psi	1500 psi
626-14-CH-P1-E5-S1	0-500 psi	1000 psi	2500 psi



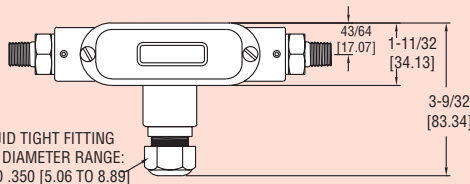
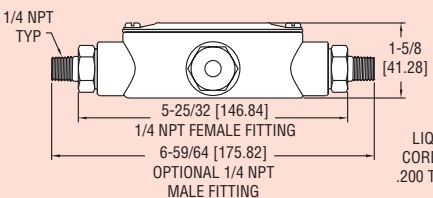
Series
629

Wet/Wet Differential Pressure Transmitter

0.5% Accuracy, NEMA 4X Enclosure



Series 629 shown with optional cable gland.



The Dwyer Series 629 Differential Pressure Transmitter monitors differential pressure of air and compatible gases and liquids with 0.5% accuracy. The design employs dual pressure sensors converting pressure changes into a standard 4-20 mA output signal for two wire circuits. Small internal volume and minimum moving parts result in exceptional response and reliability. Terminal block zero and span adjustments are easily accessed under the top cover. The Series 629 Differential Pressure Transmitter is designed to meet NEMA-4X (IP66) construction.

SPECIFICATIONS

Service: Compatible gases & liquids.

Wetted Materials: Types 316, 316L SS.

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

Temperature Limits: 0 to 200°F (-18 to 93°C).

Compensated Temperature Limits: 0 to 175°F (-18 to 79°C).

Pressure Limits: See chart.

Thermal Effect: 0.02%/°F (0.036%/°C).

Power Requirements: 13-35 VDC (2-wire).

Output Signal: 4 to 20 mA.

Zero & Span Adjustments:

Accessible Potentiometers.

Response Time: 50 msec.

Loop Resistance: DC; 0-1300 ohms maximum.

Electrical Connections:

Terminal block; 1/2" female NPT conduit.

Process Connections: 1/4" female NPT.

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

Mounting Orientation: Mount in any position.

Weight: 10.1 oz (286 g).

STOCKED MODELS

Model Number	Pressure Limits		
	Range (psid)	Working* Pressure (psid)	Maximum Pressure (psi)
629-02-CH-P2-E5-S1	10	20	100
629-03-CH-P2-E5-S1	25	50	250
629-04-CH-P2-E5-S1	50	100	250
629-05-CH-P2-E5-S1	100	200	500

* Pressures exceeding the working pressure limit may cause a calibration shift of up to $\pm 3\%$ of full scale.