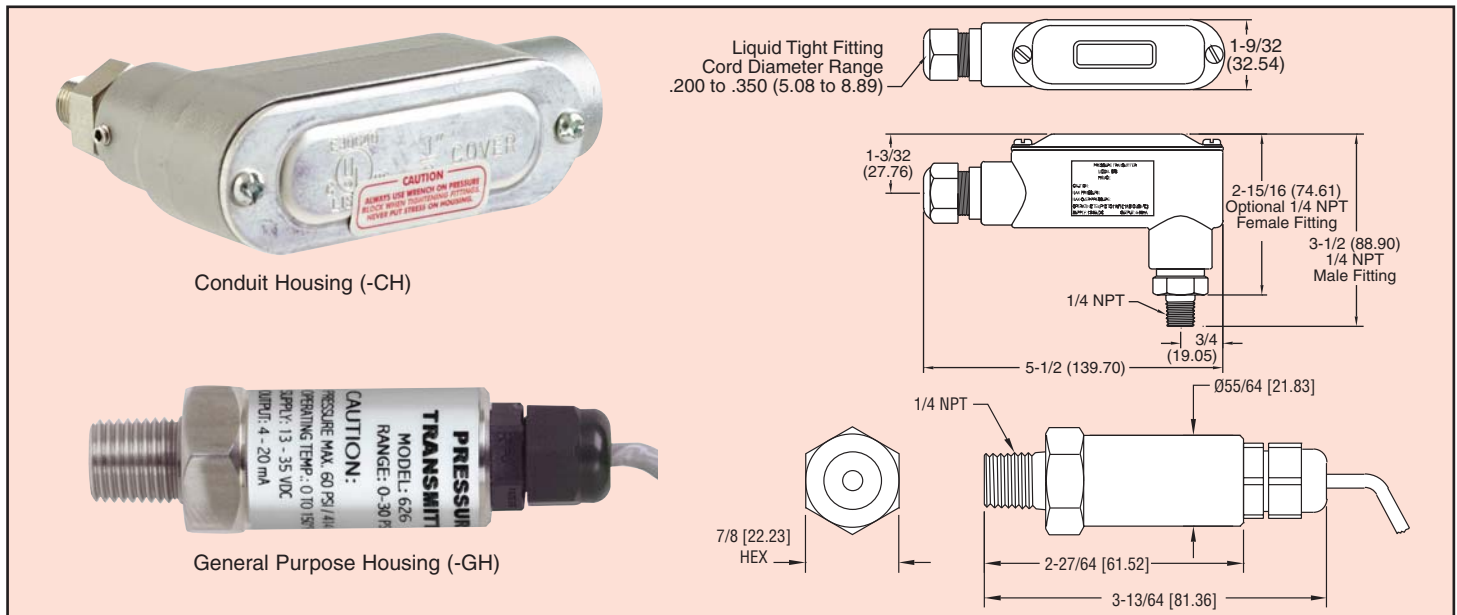




Series
626
&
628

Industrial Pressure Transmitter

Complete Offering of Ranges, Connections and Outputs



The Dwyer Series 626 Pressure Transmitters possess a highly precise 0.25% piezo-resistive sensor contained in a compact, rugged, NEMA 4X stainless steel general purpose housing or cast aluminum conduit housing.

The Series 628 Pressure Transmitters are ideal for OEMs with 1% full scale accuracy sensors. The transmitter is also available in the general purpose stainless steel housing and the cast aluminum conduit housing.

The highly corrosive resistant 316L stainless steel wetted parts allow the Series 626 and 628 transmitters to measure the pressure in a multitude of processes from hydraulic oils to chemicals. The Series 626 and 628 are available in ranges of vacuum, compound to 5000 psi with a variety of optional outputs, process connections and electrical terminations to allow you to select the right transmitter for your application.

APPLICATIONS

- Compressors
- Pumping Systems
- Irrigation Equipment
- Hydraulic
- Industrial Process Monitoring

SPECIFICATIONS

Service: Compatible gases and liquids.

Wetted Materials: Type 316 SS, 316L SS.

Accuracy: 626: 0.25% full scale. 628: 1% 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: 626: ±0.02% FS/°F. 628: ±0.04% FS/°F (includes zero and span).

Pressure Limits: See table.

Power Requirements: 13 to 30 VDC.

Output Signal: 4 to 20 mA. Optional 0-5, 1-5, 0-10, 1-6 or 2-10.

Response Time: 50 msec.

Loop Resistance: 0 - 1300 ohms maximum for current. For voltage outputs, minimum load resistance: 2000 ohms.

Current Consumption: 38 mA (maximum).

Electrical Connections: Conduit Housing (-CH): terminal block, 1/2" female NPT conduit. General Purpose Housing (-GH): cable or DIN connector.

Process Connection: 1/4" male or female NPT and BSPT.

Enclosure Rating: NEMA 4X (IP66).

Mounting Orientation: Mount in any position.

Weight: 10 oz (283 g).

Agency Approvals: CE.

PRESSURE LIMITS

Range Number	Pressure Range (psig)	Maximum Pressure (psig)	Over Pressure (psig)	Range Number	Pressure Range (psig)	Maximum Pressure (psig)	Over Pressure (psig)
00	30 Hg-0	30	150	11	0-150	300	750
01	30-0-15	30	150	12	0-200	400	1000
02	30-0-30	60	300	13	0-300	600	1500
03	30-0-45	100	300	14	0-500	1000	2500
04	30-0-60	200	500	15	0-1000	2000	5000
05	30-0-100	200	500	16	0-1500	3000	5000
06	0-5	10	50	17	0-2000	4000	5000
07	0-15	30	150	18	0-3000	6000	7500
08	0-30	60	300	19	0-5000	7500	10000
09	0-50	100	300				
10	0-100	200	500				

MODEL ORDERING CHART

Accuracy	626 628						0.25% Full Scale Accuracy 1.0% Full Scale Accuracy
Range		-00 -01 -02 -03 -04 -05 -06 -07 -08 -09 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19					0-30" Hg Vacuum 30-0-15 psi 30-0-30 psi 30-0-45 psi 30-0-60 psi 30-0-100 psi 0-5 psi 0-15 psi 0-30 psi 0-50 psi 0-100 psi 0-150 psi 0-200 psi 0-300 psi 0-500 psi 0-1000 psi 0-1500 psi 0-2000 psi 0-3000 psi 0-5000 psi
Housing			-CH -GH				Conduit Housing General Purpose Housing
Process Connection				-P1 -P2 -P3 -P4			1/4" male NPT 1/4" female NPT 1/4" male BSPT 1/4" female BSPT
Electrical Connection					-E1 -E2 -E3 -E4 -E5		Cable Gland with 3' of Prewired Cable Cable Gland with 6' of Prewired Cable Cable Gland with 9' of Prewired Cable DIN Connector Available with -GH Housing Only 1/2" female NPT Conduit Available with -CH Housing Only
Signal Output						-S1 -S2 -S3 -S4 -S5 -S6	4-20 mA 1-5 Volt 2-10 Volt 0-5 Volt 0-10 Volt 1-6 Volt
Options							-AT Aluminum Tag -NIST NIST Traceable Certificate -LED Bright Red LED display. Available with -CH housing only

626 with LED Display

Note: LED option is not NEMA 4X rated.

