

Series  
626  
&  
628

# Industrial Pressure Transmitter

Complete Offering of Ranges, Connections and Outputs



General Purpose Housing (-GH)



General Purpose Housing (-GH) with DIN C



626 with LED Display (CH housing only)



Conduit Housing (-CH)

\*Please see our website for dimensional drawings.

The Series 626 Pressure Transmitters possess a highly precise 0.25% piezo-resistive sensor contained in a compact, rugged, NEMA 4X (IP66) 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 corrosion 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

#### FEATURES

- Metal conduit housing option
- Robust 316 SS oil filled sensor
- Compact design

#### SPECIFICATIONS

**Service:** Compatible gases and liquids.

**Wetted Materials:** Type 316L SS.

**Accuracy:**

626: 0.25% FS;

: 0.20% RSS;

628: 1.0% FS;

: 0.5% RSS;

626 Absolute Ranges: 0.5% FS;

: 0.35% RSS.

(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:** ±0.02% FS/°F (includes zero and span).

**Pressure Limits:** See table.

**Power Requirements:** 10-30 VDC (for 4-20 mA, 0-5 VDC, 1-5 VDC, 0-10 VDC);  
5 VDC ±10% (for 0.5-4.5 VDC).

**Output Signal:** 4-20 mA, 0-5 VDC, 1-5 VDC, 0-10 VDC, or 0.5-4.5 VDC.

**Response Time:** 50 ms.

**Loop Resistance:** 0 - 1300 Ω max for current. For voltage outputs, min load resistance: 2000 Ω.

**Stability:** 1.0% FS/year (Typ.).

**Current Consumption:** 38 mA (max).

**Electrical Connections:** Conduit Housing (-CH): terminal block, 1/2" female NPT conduit; General Purpose Housing (-GH): cable DIN EN 175801-803-C.

**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	Maximum Pressure (psig)	Over Pressure (psig)	Range Number	Pressure Range (psig)	Maximum Pressure (psig)	Over Pressure (psig)
00	0-15 psia	30	45	11	0-150	300	750
30	15-0 psia	30	45	12	0-200	400	1000
06	0-5 psig	10	50	13	0-300	600	1500
07	0-15 psig	30	150	14	0-500	1000	2500
08	0-30 psig	60	300	15	0-1000	2000	5000
09	0-50 psig	100	300	16	0-1500	3000	5000
10	0-100 psig	200	500	18	0-3000	6000	7500
				19	0-5000	7500	10000
				26	0-8000	10000	12000

Ordering Chart

<b>Accuracy</b>	626								0.25% Full-Scale Accuracy
	628								1.0% Full-Scale Accuracy
<b>Range</b>		-00							0-15 psia
		-01							0-30 psia
		-02							0-50 psia
		-03							0-100 psia
		-04							0-200 psia
		-05							0-300 psia
		-06							0-5 psi
		-07							0-15 psi
		-08							0-30 psi
		-09							0-50 psi
		-10							0-100 psi
		-11							0-150 psi
		-12							0-200 psi
		-13							0-300 psi
		-14							0-500 psi
		-22							0-600 psi
		-15							0-1000 psi
		-16							0-1500 psi
		-18							0-3000 psi
		-19							0-5000 psi
		-26							0-8000 psi
		-67							0-0.5 bar
		-71							0-2.5 bar
		-75							0-10 bar
		-81							0-40 bar
<b>Housing</b>			-CH						Conduit Housing
			-GH						General Purpose Housing
<b>Process Connection</b>				-P1					1/4" male NPT
				-P2					1/4" female NPT
				-P3					1/4" male BSPT
				-P5					1/4" female SAE with Refrigerant Valve Depressor ①
				-P9					1/2" male NPT ①
<b>Electrical Connection</b>					-E1				Cable Gland with 3' of Prewired Cable
					-E3				Cable Gland with 9' of Prewired Cable
					-E4				DIN EN 175801-803-L ①
					-E5				1/2" female NPT Conduit ②
					-E6				M-12 4 Pin Connector
<b>Signal Output</b>						-S1			4-20 mA
						-S2			1-5 VDC
						-S4			0-5 VDC
						-S5			0-10 VDC
						-S7			0.5-4.5 VDC ①
<b>Options</b>							-AT		Aluminum Tag
							-NIST		NIST Traceable Certificate
							-LED		Bright Red LED display ②③

- ① Available with -GH Housing only
- ② Available with -CH Housing only
- ③ LED option is not NEMA 4X (IP66)
- ④ Power Requirement: 5 VDC ±10%