



## Industrial Pressure Transmitter

Complete Offering of Ranges, Connections and Outputs

## Models Select Chart

<b>EXAMPLE</b>	626	10	GH	P1	E1	S1	AT	<b>Series 626-10-GH-P1-E1-S1-AT Industrial Pressure Transmitter, 0.25% full scale accuracy, range 0-100 psig, general housing, 1/4" male NPT, cable gland with 3' of prewired cable, 4-20 mA output, with aluminum tag.</b>
<b>SERIES</b>	626 628							0.25% Full Scale Accuracy 1.0% Full Scale Accuracy
<b>RANGE</b>		30 00 01 02 03 04 05 31 32 06 28 07 27 08 09 10 11 12 24 13 25 14 22 29 15 16 17 18 19 26 61 62 63 64 65 66 89 67 68 69						15-0 psia (1,4) 0-15 psia (1,4) 0-30 psia (1,4) 0-50 psia (1,5) 0-100 psia (1,5) 0-200 psia (1,5) 0-300 psia (1,5) 0-500 psia (1,4) 3-15 psig 0-5 psig 0-10 psig 0-15 psig 0-25 psig 0-30 psig 0-50 psig 0-100 psig 0-150 psig 0-200 psig 0-250 psig 0-300 psig 0-400 psig 0-500 psig 0-600 psig 0-750 psig 0-1000 psig 0-1500 psig 0-2000 psig 0-3000 psig 0-5000 psig 0-8000 psig 1-0 bar absolute (1,4) 0-2.5 bar absolute (1,4) 0-4 bar absolute (1,5) 0-6 bar absolute (1,5) 0-8 bar absolute (1,5) 0-10 bar absolute (1,5) 0-16 bar absolute (1,5) 0-0.5 bar 0-1 bar 0-1.5 bar

							70 71 72 92 73 91 74 75 76 90 77 78 93 79 80 81 82 83 84 85 86 87 88 95
<b>HOUSING</b>			CB GH				Conduit Box Housing General Purpose Housing, NEMA 4X, IP66
<b>PROCESS CONNECTION</b>				P1 P2 P3 P5 P8 P9			1/4" Male NPT 1/4" Female NPT 1/4" Male BSPT 1/4" Female SAE with Refrigerant Valve Depressor (1) 1/8" Male NPT (1) 1/2" Male NPT (1)
<b>ELECTRICAL CONNECTION</b>					E1 E2 E3 E4 E5 E6 E7 E8		3' Cable 6' Cable 9' Cable Hirschmann DIN Plug (1) 1/2" Female NPT Conduit Connection(2) M-12 4-Pin Connector Hirschmann DIN Plug w/6' cable Packard Connector (1)
<b>SIGNAL OUTPUT</b>						S1 S2 S3 S4 S5 S6 S7 S8	4-20 mA 2 Wire 1-5 Volts 2-10 Volts 0-5 Volts 0-10 Volts 1-6 Volts 0.5-4.5 Volts Ratiometric Selectable 0 to 5, 1 to 5, 0 to 10, 2 to 10 VDC (2)

<b>OPTIONS</b>								AT	Aluminum Tag
								LCD	LCD Indication
								LED	Bright Red LED Display (2,3)
								NIST	NIST Traceable Certificate
								NW	NSF Certification

(1) Available with -GH Housing only

(2) Available with -CB Housing only

(3) LED option is not NEMA 4X.

(4) 628 only and 2.0%

(5) 626 and 0.5% or 628 and 2.0%

BAR ranges not available with -CB option currently, future release.

## Accessories

<b>Model</b>	<b>Description</b>
A-240-D	Cooling tower, perforated, 1/4" male/female BSPP.
A-250-D	Cooling tower, spiral, 1/4" male/female BSPP.
A-251	Pressure snubber, brass, 1/4" male/female BSPT.
A-257	Pressure snubber, 316 SS, 1/4" male/female BSPT.
A-960	3' packard cable.
A-164	16.4' (5 m) cable with M-12 4-pin female connector.
A-961	9' packard cable.
A-962	20' packard cable.
A-62X-LCD	Field upgradeable LCD display.

<b>Specifications:-</b>	
<b>Service</b>	: Compatible gases and liquids.
<b>Wetted Materials</b>	: Type 316L SS.
<b>Accuracy</b>	: 626: 0.25% FS; 626: 0.20% RSS; 628: 1.0% FS; 628: 0.5% RSS; 626 Absolute Ranges: 0.5% FS; 626 absolute ranges: 0.30% RSS. (Includes linearity, hysteresis, and repeatability.)
<b>Temperature Limit</b>	: 0 to 178°F (-18 to 80°C).
<b>Compensated Temperature Range</b>	: 0 to 175°F (-18 to 79°C).
<b>Thermal Effect</b>	: ±0.02% FS/°F (includes zero and span).
<b>Pressure Limits</b>	: See table.
<b>Power Requirements</b>	: 10 to 30 VDC (for 4 to 20 mA, 0 to 5, 1 to 5, 1 to 6 VDC outputs); 13 to 30 VDC (for 0 to 10, 2 to 10 VDC outputs); 5 VDC ±0.5 VDC (for 0.5 to 4.5 VDC ratio-metric output), 10 to 35 VDC (for 4 to 20 mA with -CB option); 13 to 35 VDC or isolated 16 to 33 VAC (for selectable output with -CB option).
<b>Output Signal</b>	: 4 to 20 mA, 0 to 5 VDC, 1 to 5 VDC, 0 to 10 VDC, or 0.5 to 4.5 VDC, or selectable 0 to 5, 1 to 5, 0 to 10, 2 to 10 VDC for -CB option.
<b>Response Time</b>	: 300 ms.
<b>Loop Resistance</b>	: 0 to 1000 Ohms max. R max = 50 (Vps-10) Ohms (4 to 20 mA output), 0 to 1250 Ohms max. Rmax = 50(Vps-10) Ohms (4 to 20 mA output with -CB option), 5K Ohms (0 to 5, 1 to 5, 1 to 6, 0 to 10, 2 to 10, 0.5 to 4.5 VDC output).
<b>Stability</b>	: 1.0% FS/year (Typ.).
<b>Current Consumption</b>	: 38 mA maximum (for 4 to 20 mA output); 10 mA maximum (for 0 to 5, 1 to 5, 1 to 6, 0 to 10, 2 to 10, 0.5 to 4.5 VDC output); 140 mA maximum

		(for all 626/628/629-CH with optional LED).
<b>Electrical Connections</b>	:	Conduit Housing (-CH): terminal block, 1/2" female NPT conduit; General Purpose Housing (-GH): cable DIN EN 175801-803-C.
<b>Process Connection</b>	:	1/4" male or female NPT and BSPT.
<b>Enclosure Rating</b>	:	NEMA 4X (IP66).
<b>Mounting Orientation</b>	:	Mount in any position.
<b>Weight</b>	:	10 oz (283 g).
<b>Agency Approvals</b>	:	CE, NSF, UL.