



PRESSURE

PRESSURE TRANSMITTERS 626 AND 628 SERIES

DESCRIPTION

The **626 and 628 Series Pressure Transmitters** converts a single positive pressure into a standard 4-20 mA output signal. The **626 and 628 Series** can be used to accurately measure compatible gases and liquids; **626 Series** full scale accuracy is 0.25%; **628 Series** full scale accuracy is 1.0% (see specifications). Designed for industrial environments with a NEMA 4X (IP66) housing, this transmitter resists most effects of shock and vibration.

FEATURES

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

APPLICATION

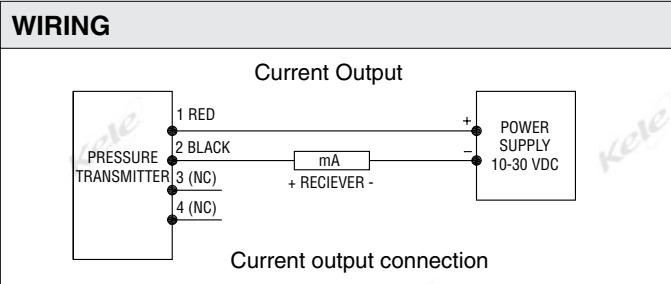
- Compressors
- Pumping systems
- Irrigation equipment
- Hydraulic
- Industrial process monitoring



General Purpose Housing (-GH)
with prewired cable



General Purpose Housing (-GH)
with DIN C



SPECIFICATIONS

Supply Voltage	10 to 30 VDC (38 mA max)
Signal Output (Volts,Current)	4-20 mA
Max Current Output Impedance	700Ω @24VDC
Accuracy	
626	±0.25% span FS (includes linearity, repeatability and Hysteresis)
628	±1.0% span FS (includes linearity, repeatability and Hysteresis)
Sensor Type	Piezoresistive
Adjustments (Z/S)	None
Normal Measurement Range	Vacuum to 8000 PSIG (See ordering)
Display	Available on request
Overpressure (Burst)	1000 to 12,000 PSIG (See ordering)
Max Operating Pressure (Proof)	400 to 10,000 PSIG (See ordering)
Operating Temperature	0° to 200°F (-18° to 93°C)

Compensated Temp. Range	0° to 175°F (-18° to 79°C)
Operating Humidity	5 to 95% Non-condensing
Wetted Parts	316L Stainless Steel
Media Compatibility	Liquid or Gas compatible w/316 SS
Process Connection	1/4" male or female NPT or BSPT
Wiring Terminations	2 wire pigtails w/3', 6' or 9' cable 2 terminals for M12 or DIN plug
Mounting	By process connection
Enclosure Rating	NEMA 4X, IP66
Dimensions	
-GH	3.2"L x 1" Dia Ø, (8.1 x 2.5 cm)
-CG	5.5"L x 1.28"W x 3.5"D (13.9 x 3.25 x 8.9 cm)
Weight	0.6 lb (0.3 kg)
Approvals	CE, RoHS
Warranty	1 year



ORDERING INFORMATION

MODEL	DESCRIPTION
626	0.25% full scale accuracy
628	1.0% full scale accuracy
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
15	0-1000 psi
16	0-1500 psi
18	0-3000 psi
19	0-5000 psi
26	0-8000 psi
CB	Conduit box housing
GH	General purpose housing
P1	1/4" male NPT
P2	1/4" female NPT
P3	1/4" male BSPT
P5	1/4" female SAE with refrigerant valve depressor†
P9	1/2" male NPT†
E1	Cable gland with 3' of prewired cable
E3	Cable gland with 9' of prewired cable
E4	DIN connector EN 175801-803-C†
E5	1/2" female NPT conduit‡
E6	M-12 4 pin connector
E8	Packard connector
E9	M12 4 pin connector non-UL
S1	4-20 mA
S2	1 to 5 VDC
S4	0 to 5 VDC
S5	0 to 10 VDC
S7	0.5 to 4.5 VDC
S8	Selectable 0 to 5, 1 to 5, 0 to 10, 2 to 10 VDC

626 **07** **CB** **P8** **E1** **S1**

Example: 626-07-CB-P8-E1-S1 626 Series pressure transmitter, 0.25% full scale accuracy, range 15-0 psi, conduit box housing, 1/8" male NPT, cable gland with 3' prewired cable, 4-20 mA output