



PRESSURE

DIFFERENTIAL PRESSURE TRANSMITTER MODEL 264 SERIES

DESCRIPTION

The **Setra Model 264 Differential Pressure Transmitter** is a low-air pressure transmitter able to sense differential pressure in both negative and positive ranges. The **Model 264** incorporates a tensioned stainless steel diaphragm to form a variable capacitor that will produce variation in the output signal. The **Model 264's** durable design will tolerate an overpressure of 10 psig (68.95 kPa) and has an unconditional three-year warranty.

FEATURES

- 4-20 mA output signal
- Voltage output signal optional
- 10 psig (68.70 kPa) overpressure
- Three-year unconditional warranty
- 1% accuracy standard, 0.4% and 0.25% NIST certification optional
- Reverse wiring protected
- Stainless steel diaphragm
- Ideal for air and non-conducting gases

APPLICATION

- HVAC building automation
- Variable air volume control
- Environmental pollution control
- Lab and fume hood control
- Filter monitoring
- Medical instrumentation
- Velocity pressure measurement



Model 264 Series

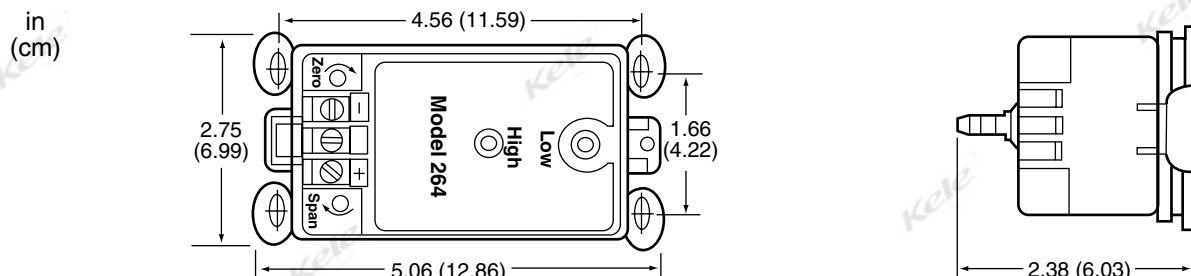
setra



SPECIFICATIONS

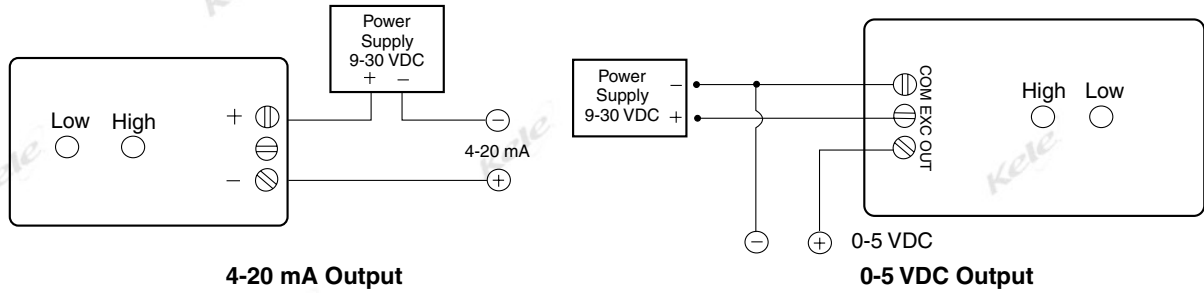
Supply Voltage	9 to 30V DC	Wetted Parts	Stainless steel
Accuracy	± 1% Full scale, +/- (.4% or .25% NIST optional)	Media Compatibility	
Signal Output	0-5V @ 5KΩ 4-20mA @ 750Ω (loop powered)	Inert	Dry air
Sensor Type	Capacitive	Process Connection	3/16" OD brass, for 1/4" OD tubing
Adjustments	(Z/S) Zero & Span trim POTs	Wiring Exposed	
Normal Measurement Range	(0 to 100"WC) or ±(0.1 to 25"WC)	Terminals	2-(4-20mA), 3-(Volts)
Display	None	Mounting	2 or 4, #10 screws
Overpressure	(Burst) ±10 psid (68.95 kPa)	Orientation	Vertical is best
Max Operating Pressure	(Proof) -25"WC to +100"WC	Enclosure Rating	NEMA1 equivalent, plastic UL94-V-0
Operating Temperature	0 to 175°F (-18 to 79°C)	Dimensions	5.06"W x 2.75"H x 2.38"D, (12.9 x 7 x 6 cm)
Operating Humidity	10 to 95% Non-condensing	Weight	0.55 lb (0.25 Kg)
		Approvals	CE, RoHS
		Warranty	3 years

DIMENSIONS





WIRING



ORDERING INFORMATION

MODEL	DESCRIPTION
2641	(264 Series) Differential pressure transmitter
XXXXX	RANGE CODE (see Table 1 below)
	OUTPUT SIGNAL
11	4-20 mA
2D	0-5 VDC
	Electrical Termination
T1	Open Terminal Strip
A1	1/2" Conduit Enclosure (264-A1)
	Accuracy
C	+/-1%FS (no certification)
E	+/-0.4%FS (w/ NIST certification)
F	+/-0.25%FS (w/ NIST certification)
G	+/-1%FS (w/ NIST certification)

PRESSURE RANGE				BIDIRECTIONAL PRESSURE RANGE			
RANGE CODE	"W.C.	RANGE CODE	Pa	RANGE CODE	+/-"W.C.	RANGE CODE	+/- Pa
0R1WD	0-0.10	025LD	0-25	R05WB	+/-0.05	025LD	+/-25
R25WD	0-0.25	050LD	0-50	0R1WB	+/-0.1	050LD	+/-50
0R5WD	0-0.50	100LD	0-100	R25WB	+/-0.25	100LD	+/-100
001WD	0-1.00	250LD	0-250	0R5WB	+/-0.5	250LD	+/-250
1R5WD	0-1.5	500LD	0-500	001WB	+/-1	500LD	+/-500
2R5WD	0-2.50	10CLD	0-1000	1R5WB	+/-1.5	10CLD	+/-1000
003WD	0-3			2R5WB	+/-2.5		
005WD	0-5.00			005WB	+/-5		
010WD	0-10.0			7R5WB	+/-7.5		
015WD	0-15			010WB	+/- 0		
025WD	0-25.0			025WB	+/-25		
050WD	0-50.0						
100WD	0-100.0						

RELATED PRODUCTS

- 264-A1** Conduit housing for M264
- A-301-K** 4" Duct static pressure tip, 1/4" compression
- A-302-K** 4" Duct static pressure tip, 1/4" barb
- A-308-K** 1/4" Stub duct static pressure tip, 1/4" barb
- A-345-K** Flange mounting kit (1 required for each A-301-K or A-302-K)
- RPS** Stainless steel room pressure sensor, 1/4" barb
- RPS-I** Ivory plastic room pressure sensor, 1/4" barb
- RPS-W** White plastic room pressure sensor, 1/4" barb
- SD-01** 2 Port surge dampener
- T-101** 1/4" OD black poly tubing, 1 coil, 250 ft (76 m)