



# PRESSURE

## MULTI-RANGE DIFFERENTIAL PRESSURE TRANSMITTER

**M267-MR**

### DESCRIPTION

The **Setra Model M267-MR Differential Pressure Transmitter** is a multi-rangeable low air differential pressure transmitter. One **Model M267-MR** replaces six single-range pressure transmitters and is ideal for stocking. Each **Model M267-MR** is factory calibrated for its highest range but can easily be recalibrated. The rugged poly-carbonate NEMA 4 case protects the internal electronics from the environment.

**setra**



### FEATURES

- Measure six ranges with one unit (three positive and three bidirectional ranges)
- 1% accuracy in each range
- 10 psig (68.70 kPa) maximum overpressure
- Rugged IP65/NEMA 4 case
- Available in current or voltage outputs
- Available in ranges up to 30" W.C. (7.473 kPa)
- Easily reranged with dip switches

### APPLICATION

- HVAC building automation
- Static duct pressure
- Clean room pressure
- Environmental pollution control
- Filter monitoring

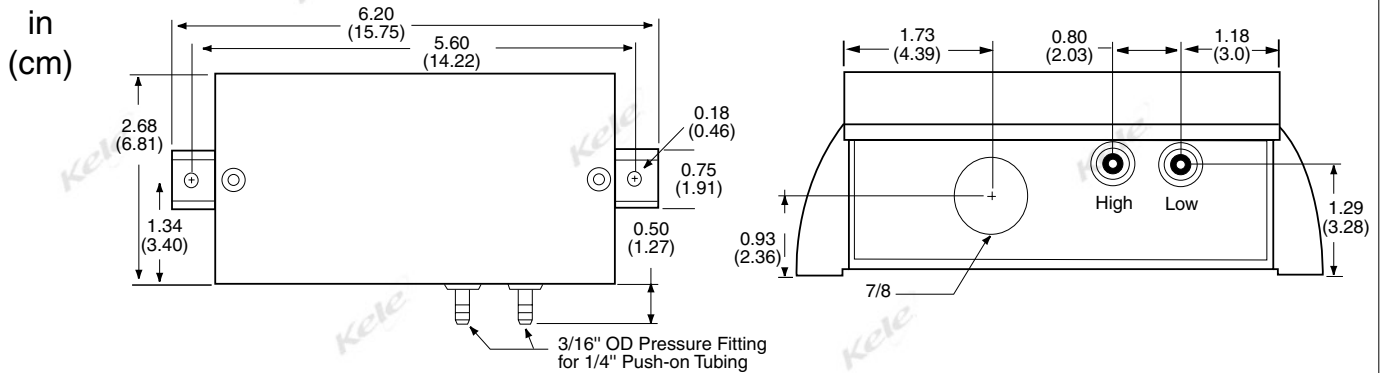
### SPECIFICATIONS

<b>Supply Voltage</b>	9 to 30 VDC @ 20 mA
<b>Current output</b>	0-5(10)v output 9(12) to 30VAC @ 0.6 VA; 0-5(10)v output 9(12) to 30V @ 25 mA
<b>Voltage Output</b>	
<b>Accuracy</b>	± 1% Full scale
<b>Signal Output</b>	0-5V @ 5KΩ, 4-20mA @ 750Ω (loop powered)
<b>Sensor Type</b>	Capacitive
<b>Adjustments</b>	(Z/S) Zero & Span trim POTs
<b>Normal Measurement Range</b>	4 multi-range groups (See ordering)
<b>Overpressure</b>	(Burst) ±10 psid (68.95 kPa)
<b>Max Operating Pressure</b>	(Proof) ±10"WC, (±2.5kPa)
<b>Operating Temperature</b>	40 to 150°F (5 to 65°C)
<b>Operating Humidity</b>	10 to 95% Non-condensing

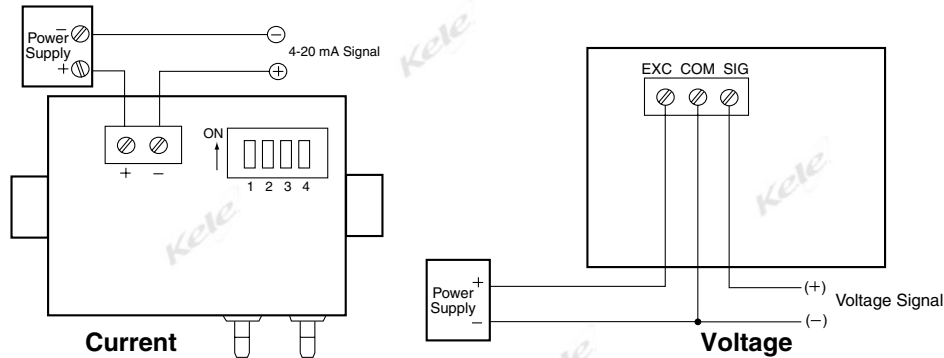
<b>Wetted Parts</b>	Stainless steel
<b>Media Compatibility</b>	
<b>Inert</b>	Dry air
<b>Process Connection</b>	3/16"OD brass, for 1/4" OD tubing
<b>Wiring</b>	1/2" gland, Terminals- 2 used-(4-20mA), 3-(Volts)
<b>Mounting</b>	2 , #10 screws (vertical position)
<b>Enclosure Rating</b>	Glass filled polycarbonate, NEMA 4 (IP65)
<b>Dimensions</b>	6.2"W x 3.2"H x 3.65"D, (15.8 x 8.0 x 9.3 cm)
<b>Weight</b>	0.59 lb (0.3 Kg)
<b>Approvals</b>	CE
<b>Warranty</b>	1 year



### DIMENSIONS



### WIRING



### ORDERING INFORMATION

MODEL	DESCRIPTION
M267	Multi-range differential pressure transmitter
XXX	RANGE CODE (see Table 1 below)
C	4-20 mA output
V5	0-5 VDC output
V10	0-10 VDC output

**Example:** M267-MR2-C Multirange differential pressure transmitter with a 0-0.25" to 0-1.0" W.C. pressure range and a 4-20 mA output.

TABLE 1. SPECIFYING RANGE				
RANGE CODE	PRESSURE RANGE			
	"W.C.	Pa	"W.C.	Pa
MR1*	0-0.1	24.91	± 0.05	12.46
MR2	0-0.25	62.03	±0.125	31.14
	0-0.5	124.55	±0.25	62.03
	0-1.0	249.10	±0.50	124.55
	0-1.25	311.38	±0.625	155.69
MR3	0-2.5	622.75	±1.25	311.38
	0-5.0	1245.50	±2.5	622.75
	0-7.5	1868.25	±3.75	934.13
	0-15	3736.50	±7.5	1868.25
MR4	0-30	7473.00	±15.0	3736.50

\* MR1 is available only with 0-0.1" W.C. and ±0.05" W.C.