



# PRESSURE

## MULTI-RANGE GENERAL PRESSURE TRANSDUCER MRG SERIES

### DESCRIPTION

The **Setra MRG Series multi-range general pressure transducer** is the ideal product for any contractor, combining the flexibility of a multi-range with the performance of a single range transducer. The **MRG** has eight selectable ranges and three selectable outputs, easily adjustable on the job with a flip of a switch or jumper. The **MRG** uses an IP67 rated housing and has a conduit fitting for easy wiring, making the **MRG** an ideal solution for any general HVAC application.

**NEW!**



### FEATURES

- **Field configurable duct probe**
- **4 Digit LCD**
- **Field selectable range**
- **Field selectable output**
- **Field accessible push-button zero and span**
- **External mounting tabs and optional DIN Rail**



MRG-S-A



### SPECIFICATIONS

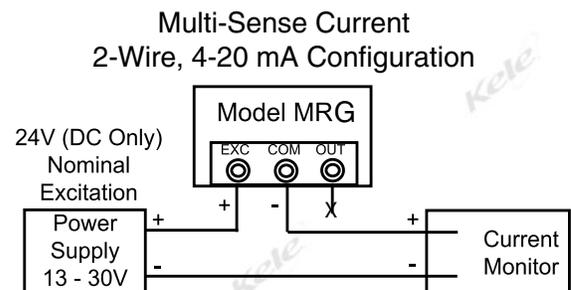
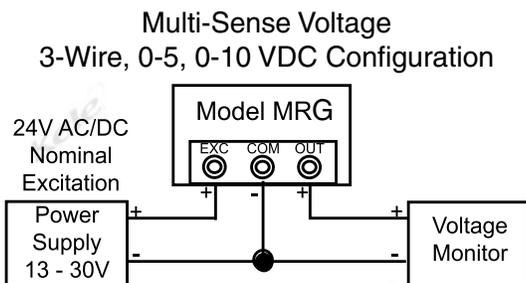
<b>Supply Voltage</b>	13 to 30 VDC @ 20 mA	<b>Operating Humidity</b>	0 to 95% Non-condensing
<b>Current Output</b>	13 to 30 VDC/13 to 30 VAC @ 0.72VA	<b>Wetted Parts</b>	17-4 SS diaphragm
<b>Volts Output</b>	±1% full scale	<b>Media Compatibility</b>	Inert dry air
<b>Accuracy</b>	0-5V @ 10KΩ, 0-10V @ 10KΩ, 4-20mA @ 800Ω	<b>Process Connection</b>	3/16" OD Brass barb, for 1/4" OD tubing
<b>Signal Output</b>	Capacitive (Z/S) Push Button Zero & Span	<b>Wiring Removable terminals</b>	2-(4-20mA), 3-(Volts)
<b>Sensor Type</b>	Multirange, 0 to 5" WC, Bi-Directional	<b>Mounting</b>	2 , #8 screws, Vertical or Duct or DIN rail
<b>Adjustments</b>	4 Digit Auto-ranging, 1/8" high LCD Display	<b>Enclosure Rating</b>	Polycarbonate w/hinged door, NEMA 4 (IP67)
<b>Normal Measurement Range</b>	(Burst) ±10 PSI (69 kPa)	<b>Dimensions</b>	5.45"W x 3.7"H x 1.96"D, (13.88 x 9.4 x 4.9 cm)
<b>Display</b>	(Proof) ±1 (6.9 kPa)	<b>Weight</b>	0.5 lb (0.28 Kg)
<b>Overpressure</b>	32 to 122°F (0 to 50°C)	<b>Approvals</b>	CE, RoHS, UL94V-0
<b>Max Operating Pressure</b>		<b>Warranty</b>	1 year

PRESSURE

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### WIRING

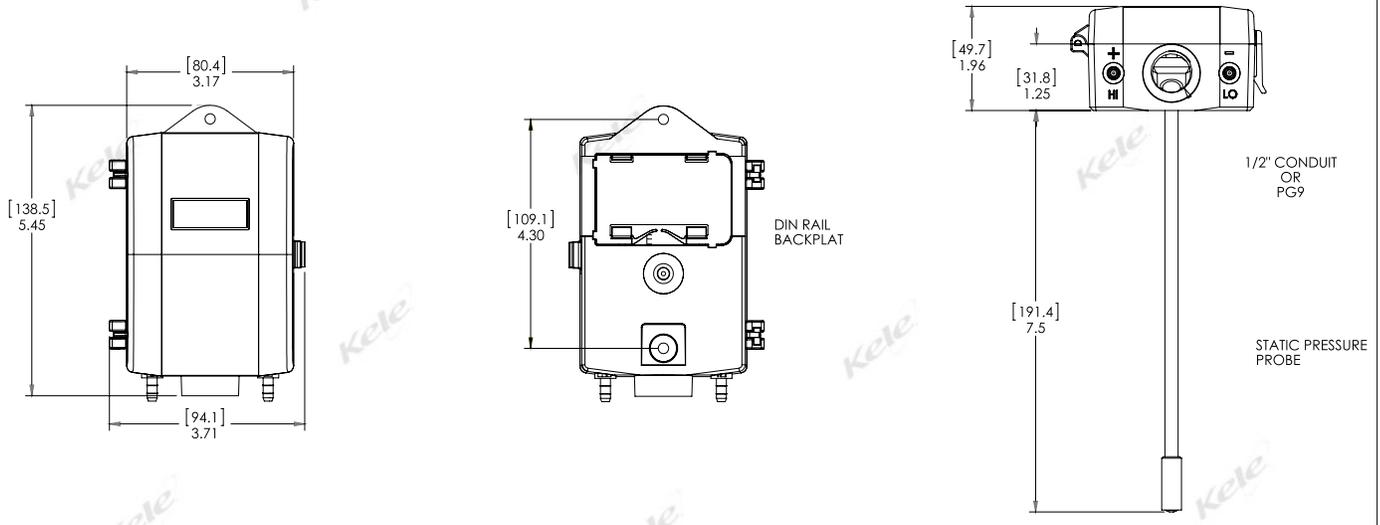
#### ELECTRICAL CONNECTIONS Removable Terminal Block for Easy Wiring



NEW!



### DIMENSIONS



### ORDERING INFORMATION

MODEL	DESCRIPTION
MR	Pressure Transducer
	<b>FIELD SELECTABLE RANGE</b>
G	0.5" W.C. (100 PA) +/- 0.5" WC (+/-100 PA)
	<b>CONFIGURATION</b>
S	Standard
U	Universal
D	DIN Rail
P	Duct Probe
	<b>OPTIONS</b>
A	1/2" Conduit
P	PG9
C	1/2" Conduit w/ Cal Cert
D	PG59 w/ Cal Cert

MR - G - S - A

**Example:** MR-G-S-A Multi-range differential pressure transmitter standard mount 1/2" conduit

**Note:** Universal configuration includes duct probe and DIN rail options  
Calibration is performed at the highest range.

**DCPA-1.2**  
**691-K0A**  
**DCP-1.5-W**

#### RELATED PRODUCTS

Power supply, 120 VAC In to 24 VAC/24 VDC Out  
Control transformer, 120:24 VAC, 40 VA, Class 2  
Power supply, 24 VAC IN to 24 VDC OUT

**A-306-K**  
**A-3245K**  
**RPS**  
**SD-01**

#### ACCESSORIES

Outdoor static pressure sensor  
A-302-K duct static pressure tip, 1/4" barb with A-345-K mounting flange  
Stainless steel room pressure sensor, 1/4" barb  
Surge dampener