

## GENERAL PURPOSE TRANSMITTERS

# SERIES TG

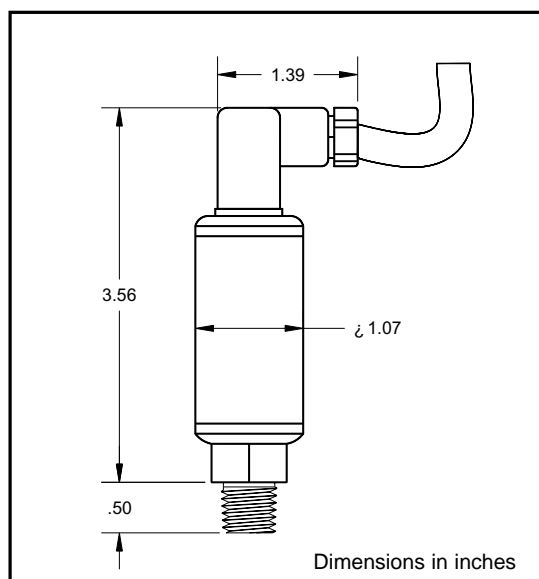
- 0.5% or 0.25% accuracy, for general industrial use
- All-stainless welded body and wetted parts
- 4-20 mA or Voltage Output
- Rugged, with protection from shock, over-range, & over-voltage. Internals potted in silicone gel.
- Internal zero & span adjustments
- Compatible with Reotemp DM series Digital Indicators
- 100% inspected, "Ready-to-go" out of the box



### Applications:

Process control, engine testing, hydraulics, injection molding, stamping presses, machine controls, most general industrial pressure applications.

TG series transmitters are compatible with Reotemp DM series digital indicators (p.9). Each Reotemp transmitter is inspected and calibrated prior to shipment, to ensure it is 100% "Ready-to-Go" right out of the box!



### Specifications: (Also see General specs, page 11)

<b>Output Signal:</b>	4-20 mA, 2 wire (std) 0-5 V, 0-10 V, 1-6 V, or 1-11 VDC (3 wire)
<b>Pressure Ranges:</b>	Vacuum, compound, pressure to 15000PSI; gauge and absolute
<b>Proof Pressure:</b>	0-5, 0-10, and 0-7500 thru 0-15000PSI: 1.5 x range 0-15 thru 0-6000PSI: 2 x range
<b>Burst Pressure:</b>	0-5, 0-10, and 0-7500 thru 0-15000PSI: 2 x range 0-15 thru 0-6000PSI: 5 x range
<b>Accuracy (BFSL):</b> (incl. repeatability, hysteresis, and linearity):	+/- 0.5% of span (standard) +/- 0.25% of span (optional)
<b>Adjustment:</b>	+/- 5% full scale, zero & span
<b>Input:</b>	12-30 VDC (for current output) 14-30 VDC (for voltage output)
<b>Temperature:</b>	Compensated: +32 to 175 deg F Effect: +/- 0.02% of span / deg F Media: -22 to 212°F (-30/100C) Ambient: -40 to 185°F (-40 to 85°C)

## HOW TO ORDER

TG — **1** — **P20** — **1** — **A** — **4** — **A**

<b>TG1</b> = General Purpose Transmitter	<b>Range:</b> <b>SEE PAGE 11 FOR RANGE CODES</b> Vacuum, Compound, Pressure 0/5psi to 0/15,000psi	<b>Accuracy:</b> <b>1</b> = +/-0.5% Full Scale (std) <b>2</b> = +/-0.25% Full Scale	<b>Output Signal:</b> <b>A</b> = 4-20mA, (2 wire) (std) <b>B</b> = 0-5 VDC, 3 wire <b>D</b> = 1-6 VDC, 3 wire <b>E</b> = 0-10 VDC, 3 wire <b>F</b> = 1-11 VDC, 3 wire	<b>Process Connection:</b> <b>4</b> = 1/4" NPT (Male) <b>7</b> = 7/16-20UNF Male (SAE J-514)	<b>Electrical Connection:</b> <b>A</b> = Mini-Hirschmann (w/36" cable) <b>B</b> = Mini-Hirschmann (no cable) <b>E</b> = 4 pin Bendix <b>F</b> = 6 pin Bendix	<b>Options:</b> <b>1</b> = Threaded Orifice (SS, M3.5) <b>2</b> = Restrictor Screw <b>S</b> = Snubber (Diaphragm Seals available - p. 10)
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