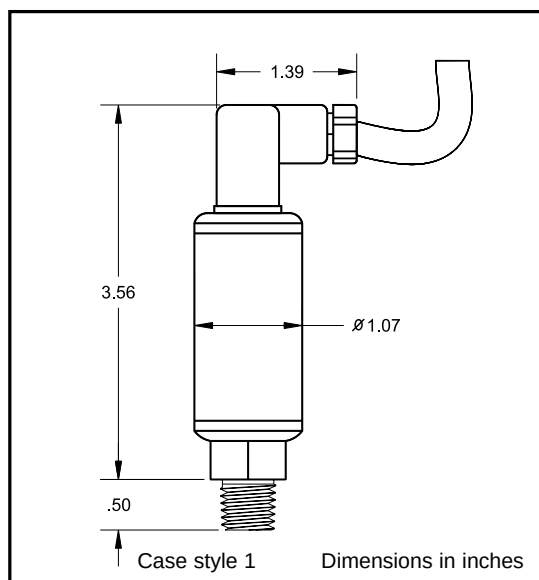


- 0.5% or 0.25% accuracy, for general industrial use
- All-stainless welded body and wetted parts
- 4-20 mA or Voltage Output
- Rugged, with protection from shock, over-range, & over-voltage. Internals potted in silicone gel.
- Internal zero & span adjustments
- Compatible with Reotemp DM series Digital 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.37). Each Reotemp transmitter is inspected and calibrated prior to shipment, to ensure it is 100% "Ready-to-Go" right out of the box!



Note: dimensions are nominal and may vary.
Check with Reotemp sales if dimensions are critical.

Specifications: (Also see General specs, page 39)

Output Signal: 4-20 mA, 2 wire (std)
0-5 V, 0-10 V, 1-6 V, or 1-11 VDC (3 wire)

Pressure Ranges: Vacuum, compound, pressure to 15000PSI;
gauge and absolute

Proof and Burst Pressures	Proof pressure	Burst pressure
0/5 thru 0/200psi	3 x range	3.8 x range
0/300 thru 0/10,000 psi	1.75 x range	4 x range
0/15,000 psi	1.5 x range	3 x range

Accuracy (BFSL): +/- 0.5% of span (standard)
(incl. repeatability, hysteresis, and linearity): +/- 0.25% of span (optional)

Adjustment: +/- 10% full scale, zero & span

Input: 12-30 VDC (for current output)
14-30 VDC (for voltage output)

Temperature: 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)

Weight: Approx. 3.5 oz (90g)

HOW TO ORDER

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

TG1 = General Purpose Transmitter (Case style 1)*	Range: SEE PAGE 39 FOR RANGE CODES Vacuum, Compound, Pressure 0/5psi to 0/15,000psi	Accuracy: 1 = +/-0.5% Full Scale (std) 2 = +/-0.25% Full Scale	Output Signal: A = 4-20mA, (2 wire) (std) B = 0-5 VDC, 3 wire C = 1-5 VDC, 3 wire D = 1-6 VDC, 3 wire E = 0-10 VDC, 3 wire F = 1-11 VDC, 3 wire	Process Connection: 4 = 1/4" NPT (Male) 7 = 7/16-20UNF Male (SAE J-514) 8 = 1/8" NPT (Male)	Electrical Connection: A = Mini-Hirschmann (w/36" cable) B = Mini-Hirschmann (no cable) E = 4 pin Bendix* F = 6 pin Bendix* J = 1/2" NPT Conduit (w/36" cable)	Options: 1 = Threaded Orifice (SS, M3.5) 2 = Restrictor Screw S = Snubber (Diaphragm Seals available)
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*Note: All dimensions and specs. are for case style 1. Other case styles available.

*Mating Connector sold separately

SERIES TH

REOTEMP PRESSURE PRODUCTS

HEAVY DUTY, HIGH ACCURACY TRANSMITTERS



TH series transmitters are compatible with Reotemp DM series digital indicators (p.37). 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 39)

Output Signal: 4-20 mA, 2 wire (std)
0-5 VDC, or 1-10 VDC (3 wire)

Pressure Ranges: Vacuum, compound, pressure to 60,000 PSI;
gauge and absolute

Proof & Burst Pressures

	Proof pressure	Burst pressure
0/5 thru 0/200psi	3 x range	3.8 x range
0/300 thru 0/10,000 psi	1.75 x range	4 x range
0/15,000 psi	1.5 x range	3 x range
0/20,000 thru 0/120,000 psi	1.2 x range	1.5 x range

Accuracy (BFSL): +/- 0.25% of span (standard)
(incl. repeatability, +/- 0.11% of span (optional)
hysteresis, and
linearity):

Adjustment: +/- 10% full scale, zero & span

Input: 10-30 VDC (for current output)
14-30 VDC (for voltage output)

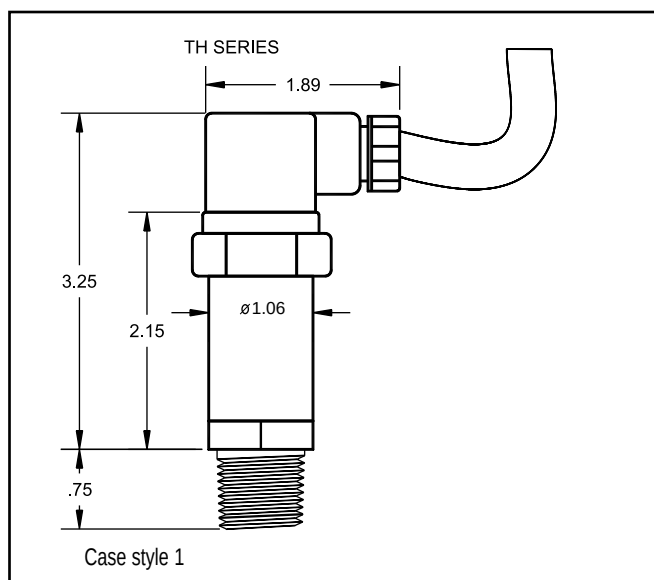
Temperature: Compensated: +32 to 175°F (0/80°C)
Effect: +/- 0.01% of span / deg F (on zero and span)
Media: -20 to 212°F (-30/100°C)
Ambient: -15 to 175°F (-10 to 80°C)

Weight: Approx. 7.2 oz (187g)

- Heavy-duty, 0.25% or 0.12% accuracy
- All-stainless welded Body and Wetted Parts
- Very low to very high Pressure Ranges
- Engineered for high stability, shock resistance, and durability - (internal electronics potted in silicone gel.)
- Internal zero & span adjustments
- 4-20 mA, or choice of several voltage outputs

Applications:

Process control, hydraulics, lab or test, where higher performance is needed. Model THF with flush diaphragm is suitable for measurement of slurries or viscous media.



Note: dimensions are nominal and may vary.
Check with Reotemp sales if dimensions are critical.

HOW TO ORDER

TH — 1 — P20 — 2 — A — 4 — C

TH1 = High-Accuracy Transmitter (case style 1)*

Range:

SEE PAGE 39 FOR RANGE CODES

Vacuum, Compound, Pressure:
0/55INWC...to 60,000psi (TH1)
0/55INWC...to 7,500psi (THF)

Accuracy:

2 = +/-0.25% Full Scale (std)
3 = +/-0.12% Full Scale

Output Signal:

A = 4-20mA, 2 wire (std)
B = 0-5 VDC, 3 wire
C = 1-5 VDC, 3 wire
E = 0-10 VDC, 3 wire

Process Connection TH1:

2 = 1/2" NPT(std)
4 = 1/4" NPT
9 = 9/16-18 aminco** (std on 30,000 to 60,000 psi)

Electrical Connection:

C = Hirschmann (w/36" cable)
D = Hirschmann (DIN 43650)
F = 6 pin Bendix†
J = 1/2" NPT conduit (w/36" cable)
N = 1/2" NPTF ISO 4400 flex conduit conn.

Options:

1 = Threaded Orifice (SS, M3.5)
2 = Restrictor Screw
Weld-in adapters for G1, G1/2
Diaphragm Seals, Snubbers

*Note: All dimensions and specs. are for case style 1. Other case styles available.

**Also known as Autoclave F250C. †Mating Connector sold separately