



CE
(Fig. A)

TC6 General Purpose Housing
(shown with mini-DIN conn.)

The TC6 series is a general purpose transmitter well-suited to measure compatible gases and liquids. Available in +/- 1.0% or .25% accuracy.

Features:

- +/-1.0% or .25% full scale
- All 316/316L S.S. wetted parts
- NEMA 4X (IP66)
- CE approved
- Resists shock and vibration

Applications:

- Compressors
- Pumping Systems
- Irrigation Equipment
- Hydraulic
- Industrial Process Monitoring

SPECIFICATIONS:

Service: Compatible gases and liquids.

Wetted Materials: Type 316, 316L SS.

Accuracy: +/-1.0% or .25% full scale (includes linearity, hysteresis, and repeatability).

Temperature Limit: 0 to 200°F (-18 to 93°C).

Compensated Temperature Range: 0 to 175°F (-18 to 79°C).

Thermal Effect: ±0.04% FS/°F (includes zero and span).

Pressure Limits: See table below.

Power Requirements: 13 to 30 VDC.

Output Signal: 4 to 20 mA. Optional 0-5, 1-5, 0-10, 1-6 or 2-10.

Response Time: 50 msec.

Loop Resistance: 0 - 1300 ohms maximum for current. For voltage outputs, minimum load resistance: 2000 ohms.

Current Consumption: Transmitter: 40 mA max; Transmitter with optional display: 140 mA max.

Electrical Connections: General Purpose Housing (-GH): cable, DIN connector or 4-pin M-12.

Process Connection: 1/4" male/female NPT and BSPT.

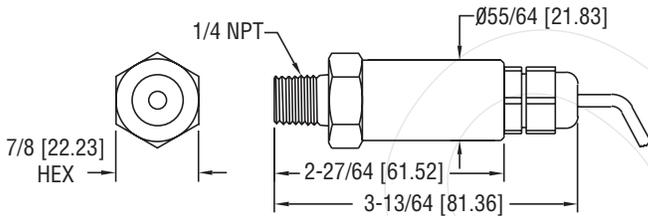
Display: Optional 4-1/2" digit 1/2" (12.7 mm) height red LED.

Enclosure Rating: NEMA 4X (IP66).

Mounting Orientation: Mount in any position.

Weight: 10 oz (283 g).

Agency Approvals: CE



Proof and Burst Pressures	Proof pressure	Burst pressure
0/5 thru 0/30 psi	2 X range	10 x range
0/45 thru 0/1,000 psi	2 X range	5 x range
0/1,500 thru 0/8,000 psi	1.25 X range	1.5 x range

HOW TO ORDER

TC — **6** **P20** **7** **A** **4** **K**

TC6:	Range:	Accuracy:	Output Signal:	Process Connection:	Electrical Connection:	Options:
General Purpose Transmitter without zero & span capability.	SEE CATALOG RPP PAGE 39 FOR RANGE CODES	7 = +/-1.0% F.S. 2 = +/- .25% F.S.	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 G = 2-10 VDC, 3 wire	4 = 1/4" NPT (Male) 5 = 1/4" NPT (Female) Y = 1/4" BSPT (Male) Z = 1/4" BSPT (Female)	A = Mini DIN connector (w/36" cable) B = Mini DIN connector (see Fig. A) K = 36" Cable X = 72" Cable G = M-12 4-Pin conn.	S = Snubber (Diaphragm Seals available)
	Vacuum, Compound, Pressure (0/5 psi up to 0/8,000 psi)					