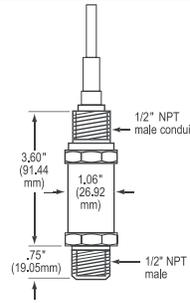


# SERIES TE



## EXPLOSION PROOF TRANSMITTER

- Approved for Hazardous Environments
- All Welded 316SS and Elgiloy
- 4-20 mA or Low Power Voltage Outputs
- Accuracy to +/- 0.125% Full Scale (BFSL)

### Specifications

**Output signals:** 4-20 mA (2 wire); 1-5Vdc, .5-4.5 Vdc (3 wire)  
**Accuracy:** 0.25% (std) ; 0.125% (optional)  
**Ranges:** Vacuum, compound, pressure 0/15psi to 0/15,000psi  
**Proof/Burst pressures:** Same as series TG (page 27)  
**Power Supply:** 10-30 Vdc for 4-20mA; 6-30Vdc for low power voltage output (<=2mA for power supply <= 12Vdc)

**Temperature:** Compensated 32 to 176°F  
 Effect: +/- 0.011% FS/°F  
 Ambient and Media: -25 to 212°F  
 (-58/221°F optional)

**Environmental Rating:** IP67

**Wetted Material:** 316 SS (ranges up to 300psi); 316SS with Elgiloy (ranges above 300psi)

**Hazardous Approvals:** FM; Explosion proof with entity approval Cl. I, Div. 1, A,B,C,D  
 Dust/Ignition proof Cl. I/II, Div. 2, E,F,G

## HOW TO ORDER

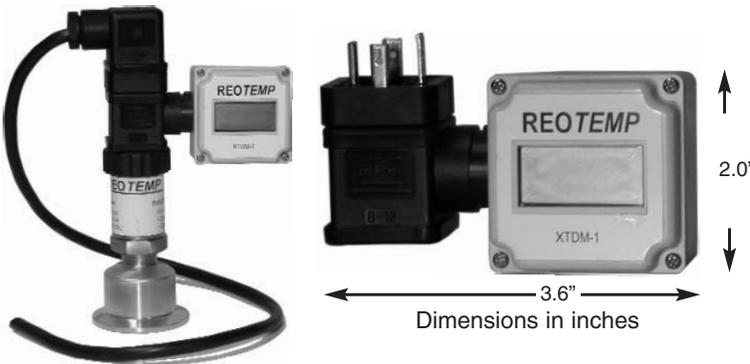
TE — **P20** — **2** — **A** — **4** — **U**

Range:	Accuracy:	Output:	Process Connection:	Electrical Connection:
SEE P. 35 FOR RANGE CODES  Vacuum, compound, pressure 0/15 to 0/15,000 psi	<b>2</b> = +/- 0.25% (std)  <b>3</b> = +/- 0.125%	<b>A</b> = 4-20 mA (2 wire, std.)  <b>B</b> = 1-5 Vdc, low power (3 wire)  <b>N</b> = 0.5 – 4.5 Vdc, low power (3 wire)	<b>4</b> = 1/4" NPT male  <b>2</b> = 1/2" NPT male  <b>7</b> = 7/16-20 UNF (SAE #4) male	<b>U</b> = 1/2" NPT conduit w/6 ft. cable  <b>R</b> = 1/2" NPT conduit w/6 ft. flying leads

# XTDM-1

## "PIGGYBACK" DIGITAL INDICATOR

- Mounts to 4-20 mA transmitter
- Simply plug in between Hirschmann connector and transmitter body
- 4-20 mA or 0-10VDC signal
- 316SS & Viton wetted parts



## HOW TO ORDER

1. Specify P/N XTDM-1
2. Indicate display range  
 4 mA= \_\_\_\_\_  
 20 mA= \_\_\_\_\_

e.g., for 0-200 range: XTDM-1 (4 mA = 0 20 mA = 200)

### Specifications

**Display:** 0.4" high LCD  
 Programmable Range: -1999 to + 1999  
**Accuracy:** +/- 0.2% full scale, +/- 1 digit  
**Update rate:** 5 /sec  
**Filtering:** Field selectable, 0.2 – 1.5 sec  
**Power:** Loop powered. Voltage drop, 3 VDC.  
**Temperature:** Ambient: 32 to 122°F (0 to 50°C)  
 Storage: -22 to 176°F (-30 to 80°C)  
 Effect: -0.1% per 10°C (18°F)  
**Rating:** CE compliant to EMC norm EN LI326  
 1997/AI:1998  
**Weight:** 3oz. approx.