

NEW!



JUST RELEASED! T170 EXPLOSION PROOF MOTORIZED REGULATOR

- High Flow Capacity
- Power Is Not Required for Operation
- Explosion Proof
- Field Adjustable Limit Switch

The Type 170 Motorized Pressure Regulator (M/P) is an electronic pressure regulator designed for use in Hazardous Area valve control in the Oil and Gas industry.

The T170 utilizes a DC Stepper Motor to turn a gear-driven range screw, which compresses the range spring on a Type 70 Precision Pressure Regulator. User-adjustable limit switches prevent motor operation beyond desired pressure limits. The T170 provides powerful speed-turning capabilities. Ultra-slow speed provides up to 13,000 steps full-scale for super-fine DC-stepper resolution. Fast speed provides 10-second Open/Close operation.

APPLICATIONS

- Custody Transfer
- Remote Low-power Valve Control
- Fine Resolution Valve Control
- Oil & Gas Custody Transfer Stations
- Oil & Gas Well-Heads

SPECIFICATIONS

Power12-24 VDC
Signal (applied to either INCREASE or DECREASE wires)12-24 VDC
Maximum Supply Pressure150 psig
Output Pressure Range0.5-30 psig
Flow Capacity (100 psig supply; 20 psig setpoint)40 SCFM
Exhaust Flow Capacity (5 psig over 20 psig setpoint)15 SCFM
Weight7.25 lbs.

HAZARDOUS AREA & USAGE CLASSIFICATION

Type 2 4X / IP66: Water tight, dust tight and corrosion resistant.

Explosion Proof: Class I, Division 1, Groups B, C, and D T3C Ta+85°C; Class II, Groups E, F and G; Class III. Class I, Division 1, Group D media gas use including natural gas.

PART NUMBER

¼" NPT Port	960522000
⅜" NPT Port	960523000
½" NPT Port	960524000

TYPICAL APPLICATION

