



**COMPACT & DURABLE  
LONG BATTERY LIFE**

# **PTZ Gas Volume Corrector for Standard Meter Applications**

An electronic gas volume corrector with a heavy-duty composite case that doesn't rust or require painting.



With the Mini-Max family of electronic gas volume correctors (Mini-Max, Mini-Max AT and Mini-Max ATX) you get the precision and performance of electronic measurement for volume correction and telemetry options in a rugged and compact assembly. Use Mini-Max correctors to upgrade and enhance your volume correction applications.

### Product Features

- Composite case, doesn't rust
- Hinged door with double-latch bar lock
- Configurable CW & CCW mechanical index
- Universal meter mounting plate
- Integral pressure and temperature transducers
- Integral alphanumeric LCD on door
- Long battery life
- Alkaline & lithium power packs available
- Choice of Audit Trail capacities
- Event Logging included
- Telemetry options available
- Two pulse channels for volume output
- Choice of NX-19 or AGA8 (Gross & Detail) calculations included

### Specifications

#### Accuracy

Maximum error at reference conditions including linearity, repeatability and hysteresis.

- Computation:  $\pm 0.3\%$  of corrected volume reading
- Pressure Transducer:  $\pm 0.4\%$  of full scale
- Temperature Sensor:  $\pm 1.0^\circ\text{F}$  ( $\pm 0.56^\circ\text{C}$ )
- Combined Computation, Pressure & Temperature:  $\pm 0.5\%$  of full scale

#### Ambient Temperature Effects

- From  $-40$  to  $160^\circ\text{F}$  ( $-40$  to  $70^\circ\text{C}$ )
- Computation:  $\pm 0.3\%$  of corrected volume reading per  $100^\circ\text{F}$  ( $55.56^\circ\text{C}$ )
  - Pressure Transducer:  $\pm 0.6\%$  of full scale per  $100^\circ\text{F}$
  - Temperature Sensor: No effect

#### Long Term Stability

- Computation:  $\pm 0.3\%$  of corrected volume reading per year
- Pressure Transducer:  $\pm 0.5\%$  of full scale per year
- Temperature Sensor:  $\pm 0.4^\circ\text{F}$  ( $0.22^\circ\text{C}$ ) per year

#### Environmental Conditions

- Ambient Temperature:  $-40^\circ$  to  $160^\circ\text{F}$  ( $-40$  to  $70^\circ\text{C}$ )
- Ambient Humidity: 0 to 100% non-condensing

#### Power

- Input Voltage:  $+3.8$  to  $+6.0$  vDC
- Battery Life: 4 years (w/4 D-cell alkaline battery pack at normal operating conditions)

#### Certifications



NRTL/C

- Class 1, Zone 0, Group IIA or Class 1, Zone 2, Group IIA
- Class 1, Division 1, Group D or Class 1, Division 2, Group D

#### Weight and Dimensions

- 5.6 lbs (2.5 kg) meter-mount version
- 10.9" H x 7.4" W x 5.3" D

#### Find Out More:

To learn more about Mercury Instruments products, contact your Honeywell Process Solutions representative, visit [www.mercuryinstruments.com](http://www.mercuryinstruments.com) or call 513-272-1111.

#### Automation and Control Solutions

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