



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°F (-40 to 70°C)
- Computation: $\pm 0.3\%$ of corrected volume reading per 100°F (55.56°C)
 - Pressure Transducer: $\pm 0.6\%$ of full scale per 100°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°C) per year

Environmental Conditions

- Ambient Temperature: -40° to 160°F (-40 to 70°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 or call 513-272-1111.

Automation and Control Solutions

Honeywell Process Solutions
3940 Virginia Ave.
Cincinnati, OH 45227
513-272-1111
www.honeywell.com

DS-MMX-18
September 2010
© 2010 Honeywell

Honeywell