



INTEGRAL, MULTI-METER ADAPTER PLATES
ELECTRONIC BACKUP INDEX (REI) FOR UNCVOL

Direct-mount, PTZ Volume Corrector for Rotary Meters

All-electronic (no moving parts) direct-mount PTZ volume corrector for rotary meters



This direct-mount electronic volume corrector is available for most popular rotary gas meters. The internal temperature probe and independent Redundant Electronic Index (REI) improve the precision and reliability. The Mini-Max Rotary Corrector easily adapts to Dresser LMMA & B3, Romet and Elster American Meter* B & C-body rotary meters.

Product Features

- Integrated volume, gas pressure and gas temperature sensors
- Redundant Electronic Index (REI) for uncorrected volume backup
- Available for Dresser, Romet and Elster American Meter* rotary meters
- All electronic, no moving parts
- Low power requirements
- Pulse output channels included
- Integral push button to activate the scroll list
- Composite case, doesn't rust or require painting

Audit Trail Memory Capacity

- Mini-Max:
41 days of daily data
- Mini-Max AT:
41 days of hourly data
- Mini-Max ATX:
400+ days of hourly data (4-items)
- Mini-Max ATX:
180+ days of hourly data (10-items)

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
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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

*Other trademarks owned by their respective companies.

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Environmental Conditions

- Ambient Temperature: -40°F to 160°F (-40°C to 70°C)
- Ambient Humidity: 0% to 100% non-condensing

Meter Adapter Plates

- Dresser: LMMA & B3
- Romet: RM1000 - RM38,000
- Elster American: B-body & C-body

Mounting

- Integral mount

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



- 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

- 5.6 lbs. (2.5kg) meter-mount version

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