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

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)

**Specifications**

**Accuracy**
- Maximum error at reference conditions including linearity, repeatability and hysteresis
  - Computation: ± 0.3% of corrected volume reading
  - Pressure Transducer: ± 0.4% of full scale
  - Temperature Sensor: ± 1.0°F (± 0.56°C)
  - Combined Computation, Pressure & Temperature: ± 0.5% of full scale

**Ambient Temperature Effects**
- From -40 to 160°F (-40°C to 70°C)
  - Computation: ± 0.3% of corrected volume reading per 100°F (55.56°C)
  - Pressure Transducer: ± 0.6% of full scale per 100°F
  - Temperature Sensor: No effect

**Long Term Stability**
- Computation: ± 0.3% of corrected volume reading per year
- Pressure Transducer: ± 0.5% of full scale per year
- Temperature Sensor: ± 0.4°F (0.22°C) per year

**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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