Flexible PTZ Gas Volume Corrector for Standard Meter Applications
Designed for outdoor operations and 24/7 availability, the EC 350 is a rugged Electronic Volume Corrector. The EC 350 is fully field-programmable and simple to use through a multi-line keypad interface. Thanks to its high accuracy, stability and long battery life, the EC 350 reduces the total cost of ownership and keeps operating costs to a minimum.

### Product Features
- Meter-, rotary- or wall-mount
- 1 or 2 pressures, new digital Plug and Play Pressure Transducer
- Corrected volume calculation according to AGA-7, AGA-8 gross method 1 & 2, AGA8 Detailed and NX-19
- Fully mappable and configurable audit trail memory, including options for multiple audit trail logs (up to 5 different independent logs)
- Multi-line dynamic contrast (LCD display)
- Outputs: 4 opto-couplers (3 pulse + 1 alarm)
- AMR-ready and compatible with Itron, Sensus, Aclara and other AMR devices
- RS232/485 communication port
- Optional cellular radio or landline modem
- Optional 4-20 mA (requires external loop power), additional RS232/485, Mux DI/DO board
- IrDA configuration connection
- Mercury MasterLink programming software

### Specifications

#### Accuracy
- Maximum error over the full temperature range -40° to 70°C (-40 to 170°F) including linearity, repeatability and hysteresis:
  - Pressure: ±0.1% of full scale
  - Temperature: ±0.1% of reading
- Maximum error at reference conditions:
  - Pressure: ±0.04% of full scale
  - Temperature: ±0.1% of reading
- Long term drift:
  - Pressure: ±0.4% of full scale over 10 years
  - Recommended calibration time: 10 years

#### Environmental Conditions
- Ambiant temperature range: -40° to 77°C (-40 to 170°F)
- Ambiant humidity range: 0 to 95% non condensing

#### Power Supply Options
- Alkaline receptacle (5-7 years)
- Lithium batteries (10 years)
- DC power

#### Certifications
- CSA C/US Class I, Div 2, Groups C&D
- CSA C/US Class I, Div 1, Groups C&D
- ATEX/IEC-Ex Ex ia IIB T3
- ATEX/IEC-Ex EnAnC IIB T3

#### Metrological Approvals
- Measurement Canada
- MID EN12405

For More Information
To learn more about Honeywell’s EC 350 PTZ Gas Volume Correctors, visit www.honeywellprocess.com or contact your Honeywell Process Solutions representative.

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