



Flexible PTZ Gas
Volume Corrector for
Standard Meter Applications



EC 350

UMB Mounting

Field-proven Mini-Max UMB

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

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.

Honeywell Process Solutions

1250 West Sam Houston Parkway
South Houston, TX 77042

1280 Kemper Meadow Drive
Cincinnati, OH 45240

Phone: +1 (855) 251-7065

www.honeywellprocess.com

Specifications

Accuracy

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

Environmental Conditions

- Ambient temperature range: -40° to 77°C (-40 to 170°F)
- Ambient 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 ExnAnC IIB T3

Metrological Approvals

- Measurement Canada
- MID EN12405



CN12 radio

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