Mini-AT

0.25% MEASUREMENT ACCURACY
COMMUNICATION, PULSE-IN & PULSE-OUT OPTIONS

High Performance,
PTZ Electronic Volume Corrector
The Mini-AT from Honeywell sets the standard for electronic gas volume correctors.

The Mini-AT’s proven track record for quality and reliability has set the standard for electronic gas volume correctors. With its purpose-designed case, precision measurement systems and abundant features, the Mini-AT provides the operation and service you expect from a Honeywell product.

Specifications

Accuracy
Maximum error at reference conditions including linearity, repeatability and hysteresis.
- Computation: ± 0.1% of corrected volume reading
- Pressure Transducer: ± 0.2% of full scale
- Temperature Sensor: ± 0.5°F (± 0.28°C)
- Combined Computation, Pressure & Temperature: ± 0.25% of full scale

Ambient Temperature Effects
- Computation: ± 0.1% of corrected volume reading per 100°F (55.56°C)
- Pressure Transducer: ± 0.3% of full scale per 100°F
- Temperature Sensor: No effect

Long Term Stability
- Computation: ± 0.1% of corrected volume reading per year
- Pressure Transducer: ± 0.3% of full scale per year
- Temperature Sensor: ± 0.2°F (0.11°C) per year

Environmental Conditions
- Ambient Temperature: -40 to 170°F (-40 to 76.6°C)
- Ambient Humidity: 0 to 100% non-condensing

Power
- Input Voltage: 5.5 to 9.0 VDC
- Battery Life: 3 years (w/6 D-cell battery pack at normal operating conditions)

Certifications
- Class 1, Division 1, Group D
- Class 1, Division 2, Group D

Weight and Dimensions
- 12.5 lbs (5.6 kg)
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- 14.5” H x 8.5” W x 7.3” D

Product Features
- 0.25% measurement accuracy
- Hinged door with padlock hasp
- Configurable CW & CCW mechanical index
- Universal meter mounting plate
- 1/2” character LCD
- Programmable scroll list
- Integral pressure and temperature transducers
- Variety of pressure transducers ranges to fit application
- Two Form-A pulse channels for volume output
- Alkaline and lithium power packs available
- Provisions for 2nd pressure transducer (pressure logging)
- Event logging and Alarm logging included
- Two independent serial ports

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.

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