



Conspec Controls' new state of the art Air Velocity Monitor (AVM) is a robust air velocity measuring instrument that uses differential pressure technology. The monitor is built to withstand the harsh conditions of underground mining, with user recommended mounting options. The unit also comes with multiple display and communications options.

The wide variety of interfacing options for the AVM provides a truly integrated solution which works with almost all different applications and underground communications backbones.

The AVM is factory calibrated to ensure accuracy at all times.

Benefits

- Low Power Consumption
- Industry Standard Output Signal (Modbus RTU Protocol)
- Robust Construction
- New, Accurate, Differential Pressure Technology
- Reliable & Stable Operation

Display Interface

- Must be connected to Optio Multi-gas Monitor with CPM

Operating Range

- +/- 10 m/s (+/- 2000 fpm)
- +/- 16 m/s (+/- 3150 fpm)

Specifications

Mechanical

Enclosure: NEMA 4X/IP54/ Fiberglass/Stainless Steel

Dimensions: 16.9" x 7.1" x 2.4" (430 x 180 x 60mm)

Weight: 3lbs (1.36kg)

Mounting: Plate Mounted, Holes for Suspension

Conduit Entry: Quick Connect

Environmental

Operating Temperature: 14°F to 120°F (-10°C to 50°C)

Temperature Compensation: Full Temperature Range

Operating Humidity: 10% to 95% RH Non-Condensing

Electrical

Operating Voltage: 12-24VDC

Cable Requirements: 4-Conductor 18 AWG Suggested

Current Consumption: 6mA Full Scale

Output Signals: I2C to Conspec CPM. CPM has RS232, RS485, Conspec Trunk, or Wireless communication out

SALES REPRESENTATIVE



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