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

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

Display Interface

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

Operating Range

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

SALES REPRESENTATIVE