



CONSPEC®

Superior detection, maximum protection.

T1337 Series



Single Gas Monitor

The new Conspec T1337 Single Gas Monitor is the successor to the P2065 Family of Products for use in fresh air applications. This will replace the older technology with up-to-date microcontroller based design and the proven Conspec robust firmware programming. It will offer the best solution for the mining environment.

A new product, the T1337 boasts tremendous backwards compatibility to ensure that the monitor works with any existing system and mine hardware inventory. The firmware allows for a simple switch to previous communications protocols and newer Modbus based communications without the need for additional hardware. The older cell technology is also supported, in addition to the new Conspec Sensor Cell.

Applications

- Fresh Air Applications Mining

Benefits

- Low Power Consumption
- Natively offers both Modbus and Accessor protocols over RS485 or Trunk Networks
- Supports Several Gas Sensing Technologies (Infra-red, Photoionization, Electrochemical)
- Improved Graphical Display and User Interface
- Multiple I/O options
- Backwards/Forwards Compatible
- Multiple Gas Support such as CO, CH₄, NO₂, H₂S, O₂, etc.
- Reliable & Stable Operation

Compatibility

- Compatible with existing AMS networks including cables & Mod-bus / Legacy Systems Internal Scripting for Corrected Gas Readings
- Compatible with existing sensor technology which allows customers to continue to use same inventory and part numbers PC Based Soft-ware for Remote Configuration
- Capability to swap the door out and using existing sensor hardware
- Expandable to Conspec's next generation products

T1337 Single Gas Monitor

Mechanical

Enclosure	NEMA 4X/IP54 Delrin and Fiberglass
Dimensions	8" x 6" x 3"
Weight	2lbs
Mounting	Plate Mounted, Holes for Suspension
Conduit Entry	3 x ¾" Cable Grips

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	40mA Full Scale
Output Signals	Mobdus RTU on RS-485 or Conspec Legacy

System

Sensory Types	Electrochemical, Infrared, Photoionization
Keypad	12 Button Keypad
Calibration	AutoCal, Manual Cal, One Touch Calibration
Status LEDs	Bi-Color Status LED
Digital Inputs	4
Digital Outputs	4
Analog Inputs	2
Display	2" Graphical Backlit Display

Available Accessories

- P1879 Calibration Kits
- P1880 Calibration Gases
- Door Swap

Available Gas Types/Elements

- Carbon Monoxide
- Oxygen
- Nitric Oxide
- Nitrogen Dioxide
- Hydrogen
- Carbon Dioxide
- Chlorine
- Combustibles
- Ammonia
- Hydrogen Chloride
- Hydrogen Sulfide
- Sulfur Dioxide

NOTE: Consult Factory for Other Sensors, Gases & Ranges

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