

Acc-MineCO™

DUAL RANGE GAS SENSOR



The Acc-MineCO is a dual range gas sensor and provides operators with real-time CO gas measurements. This transmitter equipped with dual sensors provides readings of CO from (0-500 ppm) & (0-12.5% Vol).

The Acc-MineCO is specifically designed for underground mining applications, and was developed in compliance with "Ventilation-On-Demand" control strategies.



Ensure a **safe air quality environment** for mine re-entry after central blast.

FEATURES

- ✓ Dual sensor capability allows one EC and one other type of sensor to be connected to the same transmitter, with distinct 4-20 mA outputs.
- ✓ Available smart sensor system for simplified maintenance and calibration.
- ✓ 30 min trending capability
- ✓ Calibration performed with a magnetic pencil
- ✓ Programmable instrument tag

BENEFITS

- ✓ It features non-intrusive calibration for hazardous locations, with an easy-to-read LCD concentration of gas level or trends.
- ✓ The intended design reduces equipment costs by offering a 2-in-1.
- ✓ With accurate real-time data at hand, blast clearance times can be reduced by precisely utilizing time needed to clear toxic fumes for mine re-entry. In effect, worker productivity is increased.

SPECIFICATIONS

- ✓ Inputs: Low Range CO Sensor (0-500 ppm), High Range CO Sensor (5-12.5% Vol.)
- ✓ Outputs: 4-20 mA per sensor, Optional 5A Alarm Relays/Modbus RTU
- ✓ Enclosure: Nema 7/Nema 4x, Class 1, Div 1 & 2, Groups B, C, D
- ✓ Supply Voltage: 10-30 VDC
- ✓ Optional Relay Contacts: 3 x SPDT 5A @ 110 VAC
- ✓ Operating Temperature: -20°C to 60°C (-4°F – 140°F)
- ✓ Transmitter Warranty: Two Years
- ✓ Calibration Method: Magnetic
- ✓ Alarm Thresholds: Up to 3 (including fail)
- ✓ Display: Backlit 64 x 128px LCD, LED Alarm Status, 30 min Bar Graph
- ✓ Replacement Sensors: Low Range, High Range



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