

Over 32 Years of Proven Experience and Performance

P2512



Conspec's **CO/NO Discriminator Sensor** is an instrument designed to detect Carbon Monoxide produced by a smoldering fire in the presence of diesel exhaust fumes. This sensor uses two electrochemical cells; one for detecting CO, and one for the detection of NO. The onboard micro-controller processes the signals using a patented algorithm to determine the portion of CO due to diesel fumes. The resulting residual or Corrected CO (CCO) is the amount of Carbon Monoxide less the CO generated by diesel exhaust fumes. Eliminates false alarms due to diesel exhaust fumes.

MSHA CLASSIFIED "G" SENSOR FOR USE IN PERMISSIVE AREAS

Reliability and stability of sensors are key concerns for users of fixed monitoring systems - costs will increase rapidly if a sensor proves unreliable in the field. Conspec has addressed these issues and in doing so become the sensors of choice for fixed-point gas detection.

FEATURES

- Rugged NEMA 4X weatherproof non-metallic enclosure
- Long sensor life, quick and easy replacement
- Automatic restart after a power interruption
- Monitors CO and NO in ranges of 0-50 PPM or 0-100 PPM
- Provides readings in PPM for CO, NO, & CCO
- Stand-alone instrument with control outputs for audio/visual alarms
- Patented CO/NO Ratio Algorithm
- Automatic Calibration Feature
- Addressable for use on Conspec Senturion Systems
- Programmable Controllers, and other outstation based or RTU systems
- Access Codes for security of programs
- Corrected CO readings (CCO) approaches zero in absence of fire
- Corrected CO readings (CCO) is considerably lower than CO in the presence of diesel exhaust

REPLACEMENT PARTS

P1830	Replacement Co Sensor	P2069	Replacement NO Sensor
P2505	CO Discriminator board	P2065	Smart Accessor board

SPECIFICATIONS

Display LCD:	4 Lines	Power Input:	12VDC / 24VDC
Memory:	64K EPROM	Keypad:	Soft Touch Membrane
Sensors:	Carbon Monoxide (CO) Nitric Oxide (NO)	Dimensions:	12"L x 10"W x 7"D

SALES and ASSISTANCE

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