

LonWorks® Communicating Options Now Available!

Propane/LPG Butane Natural Gas/LNG Methane Hydrogen

TR5200 & TR5500 Catalytic Bead Combustible Detector



Quality Built - Rugged - Accurate

The TR3200 is a high accuracy catalytic bead gas sensor/transmitter that can be used to detect LEL (Lower Explosive Limit) concentrations of a wide range of combustible gases. Transmitters can be provided calibrated to the specific combustible gas of interest. The TR5500 provides similar detection capability in an explosion-proof enclosure for Class 1 Division 1 Groups A, B and C areas. Output options include a 4-20 mA analog or a LonWorks® compatible communication signal.

Why The TR5200/TR5500?

- Available in a 3 wire analog output or LonWorks[®] (BACnet available soon).
- Three year rated life.
- Linear output over complete range. Custom ranges available.
- Provided with a rugged NEMA 4X enclosure.
- Features an economical replacement sensor element that minimizes long term operating costs.
- Easily field calibrated.
- Certifications: TR5200 CSA/NRTL, TR5500 CSA/UL CL.1, Div.1
- Now with LonWorks® Communication Option with % of range SNVT and discrete SNVT. Use existing LonWorks® network to reduce installation and control cost.

AirTest Catalytic Bead vs MOS/Solid State

- Significantly higher accuracy that MOS type sensor ensures dependable alarm and control.
- No temperature or humidity interference eliminates seasonal drift of sensors.
- Much less sensitive to other gases and less likely to be poisoned.
- Significantly less long-term drift means less maintenance.
- Consistent linear output between sensors means specialized operational curves and control points are not necessary.

Applications

Boiler Rooms, Battery Charging Rooms, Vehicle Maintenance Facilities, Transit Maintenance, Hydrogen or Natural Gas Fueling Facilities, Tunnels, Below Ground Facilities, Landfill Areas, Sewage Treatment Plants

