

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<sup>®</sup> (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

