

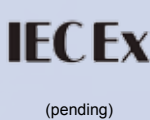
iTRANS•2

FIXED GAS DETECTOR

- Detection of Explosive Gases, Toxic Gases, or Oxygen
- Non-Intrusive Calibration
- Smart Sensors
- HART Communication Protocol **(NEW)**
- MODBUS Communication
- Programmable Relays
- Dual Gas Sensing



CERTIFICATIONS



The Fixed Gas Detection People

APPLICATIONS

- Oil and Gas Industry
- Offshore Drilling
- Utilities and Power
- Petrochemical Industry
- Municipal Water and Waste Treatment
- Food and Beverage Production



IR SENSOR

The infrared sensor provides detection of explosive gases (methane, butane, propane, ethylene, hexane, etc.) in more severe environmental conditions, where the presence of poisons could harm the use of a catalytic cell. It also detects methane from 0 to 100% volume for biogas applications. CO₂ can be monitored as well in different ranges.

VERSATILE

The **iTRANS-2** can be configured to meet nearly any application through its state-of-the-art features and options.

- Explosion-proof
- HART (optional)
- RS-485 Modbus (optional)
- Stainless Steel Enclosure (optional)
- Programmable Relays (optional)
- 3-wire, 4-wire Installations
- Dual Gas Sensing (optional)
- Remote Sensing (optional)
- Large Sensor Offering – Electrochemical, Catalytic and Infrared

EASY TO USE

- Smart Sensor
- Non-Intrusive Calibration
- Dual-channel split-screen LED display

OTHER FEATURES AND BENEFITS

Dual Gas Sensing	The iTRANS-2 can detect and display up to two gases on certain models. Both gas sensors may be mounted directly to the transmitter, or may be mounted remotely.
Wide Sensor Offering	The iTRANS-2 supports Electrochemical, Catalytic Bead and Infrared sensors. The iTRANS-2 is available for most common industrial gases, allowing of standardization for your gas detection equipment.
Smart Sensors	The iTRANS-2 's smart sensors come factory pre-calibrated and automatically send sensor information, such as sensor life, to the transmitter. A sensor life indicator is displayed immediately after each calibration.
Dual-channel split-screen LED display	For optimum visibility in dark places.
Non-Intrusive Calibration	The iTRANS-2 's non-intrusive interface keys operate with a simple magnetic wand and allow for full transmitter configuration and calibration without opening the unit's explosion-proof housing.
Programmable Relays	The microprocessor-controlled transmitters are capable of independent operation or multi-point system configuration. With optional on-board relays, the monitor has the added ability of stand-alone operation, activating alarms, horns or fans, and can also shut down a system without the need to wire back to a central control panel.
Multiple Wiring Options	The iTRANS-2 can be configured to meet almost any installation application. Common configurations include: 3-Wire (4-20mA) Models - Allow for full utilization of the iTRANS-2 's features and options and can be used with all of the iTRANS-2 's sensors. 4-Wire (Digital ModBus) Models - Allow for full utilization of the iTRANS-2 's features and options and can be used with all of the iTRANS-2 's sensors.
HART™ Communication Protocol	With the optional HART Communication Protocol, the iTRANS-2 offers remote diagnostics, set-up or calibration by superimposing a high-frequency current across the industry standard 4-20mA analog line.
Stainless Steel Enclosure	An optional stainless steel enclosure for corrosive environments.

