The iTrans 2 Infrared Gas Sensor employs an intelligent electronics platform to provide one or two points of detection from a single head. With the optional HART Communication Protocol, the iTrans 2 offers remote diagnostics, set-up or calibration. The iTrans 2 is able to detect any combination of gases for a specific environment and boasts a wide range of safety features including automatic sensor recognition, access code security and zero and cal fault protection.

Features & Benefits

- The optional HART communication protocol for the iTrans 2 offers remote diagnostics, set-up or calibration by super-imposing a digital current across the industry standard 4-20mA analog line
- Wide sensor offering including electrochemical, catalytic bead and infrared sensors are all supported for the iTrans 2
- An optional stainless steel enclosure is available for use in corrosive environments
- Dual-channel, split-screen LED display for optimal visibility in dark places
- A simple magnetic wand can be used for full transmitter configuration and calibration without opening the unit's explosion-proof housing
- Up to two gases can be detected and displayed on the iTrans 2. Both sensors may be mounted directly to the transmitter or mounted remotely
- Smart sensors come pre-calibrated and automatically send sensor information, such as sensor life, to the transmitter. A sensor life indicator is displayed immediately after each calibration

Applications

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

Approvals

- NRTL/c and CSA
- ATEX
- IECEx
- China

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