Model TA-2102 smarter
Hydrogen Cyanide HCN Gas Detector

Features

no false alarms patented electrochemical sensor technology
Self-Calibration adjusts monthly based on sensor life curve
Auto-Gas Calibration, non-intrusive, hands-free, magnetic switches
Not affected by temperature -25°C to +50°C, stable by design
LCD display - 12 characters x 2 lines - provides user interface with magnetic switches - no dip switches - LED indicators
Offsite sensor calibration with memory chip embedded in sensor
Peak Value, 15-min. TWA, Remaining Sensor Life, Replace Sensor indication and number of days since last gas calibration
Loop Powered - Intrinsically Safe option
Optional enclosures - 316 stainless steel, Nema 4x polycarbonate
Available suitable for use in SIL 2 environments / Advanced diagnostics

Specifications

Detection Principle: Electrochemical - Amperometric
Detection Method: Diffusion or Sample Drawing
Detection Range: 0 - 50 ppm (parts-per-million)
Calibration Method: Non-intrusive, magnetic tool
Operating Voltage: 10 - 30 VDC, 24 VDC nominal
Power Requirements: 0.48 W @ 24 VDC
Electrical Connections: Power (24 VDC) and Signal (4-20mA)
Cable Requirements: 2-wires, shielded
Connection Type: 2-wire, loop powered
Resolution: 1 ppm minimum detection level
Zero Drift: less than 1 ppm
Temperature Range: -25°C to +50°C
Humidity Range: 10 - 95% RH, non-condensing
Response Time: <45 sec. to 90% of final reading
Recovery Time: <60 sec. to 90% recovery
Sensor Service Life: >2 years typical; normal conditions
Electronic Enclosure: Ex-Proof, aluminum or 316 SS
Enclosure Certifications: CSA/UL/FM Class I GR B,C,D

Applications

Precious Metal Extraction
Chemical Processing
Synthetic Fiber Production
Electroplating
Plastics Production
Laboratories
More

Specifications subject to change without notice due to continued program of product innovation.