Sensepoint XCD RFD
Remote Flammable Gas Monitor

Honeywell

XCD RFD adds safety, productivity and cost efficiency by extending intelligent, reliable gas monitoring to hard-to-reach areas

Sensepoint XCD RFD: Remote Flammable Detection

High Value Sensing Technology
- Poison-resistant catalytic bead sensors offer reliable, long-lasting sensing life in an explosion-proof assembly
- Low power consumption, reducing cost of ownership
- Accurate detection with fast response

Easy-Mount Utility
- Mount transmitter in easy to access area even if sensor is located in difficult or restricted access area
- Mount sensor up to 100 feet from transmitter
- Mounting hardware available for pipe, duct and junction box installations

Easy to Use
- Easy to read tri-color backlit display with digits, bar graph and icons
- Fully configurable via non-intrusive magnetic switches
- Selectable sink or source 4-20mA output
- Auto-inhibit during maintenance prevents false alarms

Cost Effective
- Common transmitter platform: monitor full range of flammable gases
- Longer sensor life compared to electrochemical sensors
- Simple operation cuts training costs
- Reduced spares and stock costs
- Non-intrusive, one-man operation reduces maintenance cost
- Optional Modbus adds diagnostic capabilities and advanced intelligence to further reduce costs

Sensepoint XCD RFD is your most flexible, practical choice for remote flammable gas monitoring in Class I Division 1 areas.

XCD RFD adds safety, productivity and cost efficiency to an operation by extending intelligent, simplified gas monitoring to hard-to-reach areas. XCD's inherent flexibility (through its modular product design and remote monitoring options) is stretched further to help make an operation run more smoothly and easily, adding bottom line value on top of state-of-the-art safety benefits.

You can mount the sensor up to 100 feet away from the transmitter, so even the most hard-to-access areas can be monitored and protected. What's more, XCD RFD tells you—at a glance—whether your equipment is operating properly and keeping you safe. You get continuous, long-term value by conveying accurate gas readings through a rugged, reliable sensing technology, a hallmark of Honeywell. XCD RFD saves you money over the life of your monitoring system.

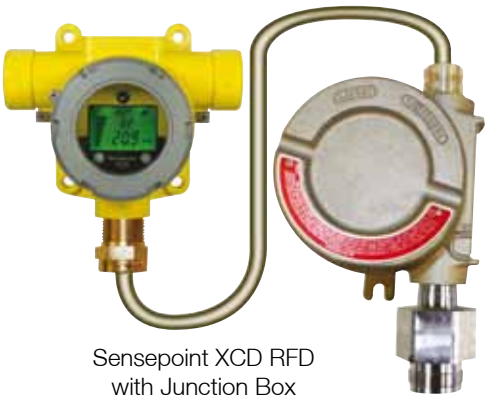
APPLICATIONS GUIDE

	Industry	Specific Area
	Refineries	• Oil & Gas • Petrochemical
	Commercial Buildings	• Mechanical Rooms • Warehouses
	Transportation	• Bus terminals • Loading docks
	Laboratories	• Fume hoods • Gas storage
	Waste Water Treatment Plants	• Digesters • H_2S scrubbers • Pumps
	Utilities	• Coal silos • Turbines • Compressors

Sensepoint XCD RFD: Remote Flammable Detection

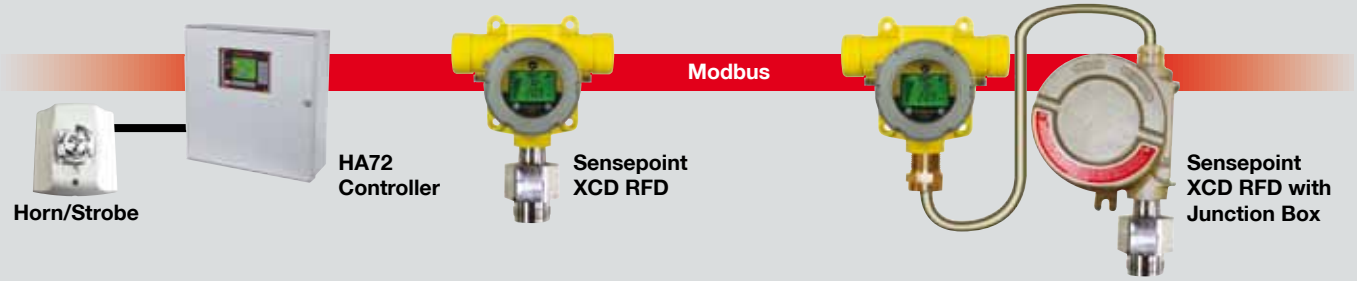
Unrivalled Installation and Maintenance Ease

Mount Sensepoint XCD RFD in ducts or on pipes, near ground-level for propane or ceiling-level for methane detection—whatever the situation requiires. The transmitter includes two programmable alarm/fault relays as well as an industry standard 4-20mA output. Calibration and relay operation of the transmitter may be adjusted via the transmitters' backlit LCD. Outputs are automatically inhibited during adjustment thereby reducing the risk of false alarm at the control panel during maintenance. One-man, non-intrusive maintenance speeds and simplifies life on the job.



Sensepoint XCD RFD with Junction Box

Check to learn how to make your operation run better—that is to say, smarter, with optional Modbus.



- ✓ Obtain more intelligent data, pulled from difficult-to-access areas.
- ✓ Extend the range of gas monitoring through a single-platform unit that can detect flammable gases.
- ✓ Respond faster to gas threats at the Lower Explosive Limit (LEL).
- ✓ Pull more intelligence from the unit, so you can schedule maintenance appropriately, getting the job done right the first time.

Virtually All Flammable Gases are Detectable by XCD RFD!

Honeywell has created a Star Rating tool to indicate the relative response of a catalytic sensor to a flammable gas. The response of the sensor is compared to the response of the same sensor to Hydrogen. For more information please contact Honeywell Analytics at analytics.industrial.sales@honeywell.com.

Star Gas Rating Chart

	705 sensor	705HT sensor		705 sensor	705HT sensor
Hydrogen	6	6	Propane	3	5
Methane	6	7	Pentane	2	4
Butane	3	4	Ethylene	4	6

Safety at a Glance!

Sensepoint XCD uses three instantly recognizable 'traffic light' colors to indicate its status. The large tri-color backlit LCD is steady green to indicate normal operation, flashes yellow to indicate a fault/warning and flashes red to indicate an alarm. This allows anyone in the area to clearly see at a glance the status of any detector. This can be particularly useful to identify detector status if the detector is located in a difficult to access area or if a number of detectors are located in the same area.

Normal

Fault/Warning

Alarm

Honeywell Analytics Lines of Business

Commercial

Gas detection from standalone units to fully engineered, multi-point systems, all offering cost-effective regulatory compliance

» Applications: parking structures, chillers, mechanical rooms, office towers, commercial buildings, shopping centers, swimming pools, golf courses, schools and universities, laboratories

Industrial

Renowned Sieger and Manning gas detection systems with advanced electrochemical, infrared and open path sensing technologies

» Applications: oil and gas, cold storage, water/wastewater treatment, chemicals, engine rooms, plastics and fibers, agriculture, printing and light industrial

Portables

Single or multi-gas Lumidor and other premium detectors with compact, lightweight designs ranging from simple alarm only units to advanced, fully configurable and serviceable instruments

» Applications: underground utility and electricity ducts, boiler rooms, post-fire sites, sewers, industrial plants, industrial hygiene, first responder teams, remote fleets

High Tech/Government

A complete portfolio of gas and chemical detection instrumentation including infrared spectroscopy (MST) with no cross interference, to Chemcassette paper-based solutions (MDA Scientific) offering detection down to parts per billion

» Applications: semiconductor manufacturing and nanotechnology, aerospace propulsion and safety, specialty chemicals industry, research laboratories, emergency response

Technical Services

24/7 global network includes post-sales service and Systems Integration teams

» Emergency call out, service contracts, on/off-site repair, training and commissioning

» Complete range of spares, consumables and accessories

Find out more
www.honeywellanalytics.com

Contact Honeywell Analytics:

Americas
Honeywell Analytics, Inc.
405 Barclay Blvd.
Lincolnshire, IL 60069
USA
Tel: 847.955.8200
Toll-free: 800.538.0363
Fax: 847.955.8210
detectgas@honeywell.com

Technical Services
ha.service@honeywell.com

www.honeywell.com

Europe, Middle East, Africa
Life Safety Distribution AG
Javastrasse 2
8604 Hegnau
Switzerland
Tel: +41 (0)44.943.4300
Fax: +41 (0)44.943.4398
gasdetection@honeywell.com

Asia Pacific
Honeywell Analytics, Asia Pacific
#508, Kolon Science Valley (1)
187-10 Guro-Dong, Guro-Gu
Seoul, 152-050
Korea
Tel: +82 (0)2.2025.0307
Fax: +82 (0)2.2025.0329
analytics.ap@honeywell.com

Please Note:
While every effort has been made to ensure accuracy in this publication, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This publication is not intended to form the basis of a contract.

Honeywell

DS01158_v1 3/13

© 2013 Honeywell Analytics