

INDUSTRIAL FIXED

Sensepoint XCD

Sensepoint XCD

Overview



Feedback

Transmitter provides comprehensive monitoring of combustible, toxic and Oxygen gas hazards in potentially explosive atmospheres - indoors and outdoors.

Product Overview:

Sensepoint XCD now has remote monitoring capabilities for its toxic and Oxygen sensors. Its remote capability is designed to offer excellent flexibility of use and is an ideal solution for hard-to-reach locations or areas where the transmitter needs to be separate from the sensor. With remote toxic and Oxygen sensor mounting of up to 100 feet (30m) away from the transmitter, Sensepoint XCD provides a robust monitoring solution even in challenging environments where detection is difficult, including applications where the point of detection is in an area that is not easily accessible or where the detector would not be visible, like in high or low level concealed areas or outside a room being monitored.

Sensepoint XCD is easy to use. The sensor simply plugs into the bottom of the transmitter and the transmitter automatically configures itself accordingly. Users can modify detector operation using the LCD and magnet switches without ever needing to open the unit. This enables one-man, non-intrusive operation and reduces routine maintenance time and costs.

A tri-color backlit LCD clearly indicates the unit's status at a glance, even from a distance. A steady green backlight indicates normal operation, flashing yellow indicates fault and flashing red indicates an alarm.

All detectors are supplied pre-configured and include two programmable alarm relays, one programmable fault relay as well as an industry standard 4-20mA output (sink or source selectable) and MODBUS communication. The scale, range, relay operation, alarm set point and electronic tag number of the detector can be adjusted using the transmitter's LCD and non-intrusive magnetic switches. Outputs are automatically inhibited during adjustment, thereby reducing the risk of false alarm at the control panel during maintenance.

Additional Features and Benefits:

All-In-One Gas Monitoring Solution:

- Flammable (catalytic or infrared), toxic and oxygen versions available
- Serves new/retrofit, indoor/outdoor applications
- Stainless steel or aluminum explosion-proof housing options
- IP66 as standard

Proven and Reliable Sensor Technology:

- Surecell™ electrochemical sensors
- Poison immune infrared sensors
- Poison resistant catalytic bead sensors
- Long life sensors

Global Approvals:

- US and Latin America, European, Canadian and Asian
- Compliant with UL, INMETRO, ATEX, IECEx, CSA, KTL, PA, GB and CCCF standards

Easy to Use:

- User friendly and intuitive tri-color backlit display with digits, bar graph and icons
- Fully configurable via magnetic switches
- Optional remote sensor mounting
- Selectable sink or source 4-20mA output
- Auto-inhibit during maintenance
- MODBUS communications for remote diagnostics/configuration

Cost Effective:

- Common transmitter platform
- Minimal training required
- Reduced spares
- Non-intrusive, one-man operation
- Plug-in sensor replacement
- MODBUS multi drop option offers cabling savings

Simple Installation:

- Plug-in display module removes to give access to terminal area
- Integral mounting bracket
- 2 x M20 or ¾" NPT cable/conduit entries
- Removable plug/socket type terminal blocks for
- Sink/source switch to suit preferred wiring topology
- Integral mounting plate attaches to surface, horizontal or vertical piping

Features & Benefits:

- All-in-one gas monitoring solution
- Proven Surecell™ electrochemical sensors
- Global approvals

Quick Specs:

- Input voltage range: 16 to 32 VDC (24 VDC nominal)
- Communication: RS485, MODBUS RTU
- Certified temperature range: 40° to +149°F (-40° to +65°C)

Fire and Gas Consultancy Services

Specifications

BRAND

Brand

- Honeywell

CATEGORY

Sub-Category

- Gas Detection Sensors & Transmitters

Product Number

SKUs

SKU	DESCRIPTION
SPXCDULNG1	XCD Gas Detector, includes hydrogen EC sensor cartridge 0 to 1000ppm
SPXCDULNRXM	UL/INMETRO approved SP XCD Flammable Methane (CH4) IR 0-100% LEL (20 to 100% LEL, 10% LEL) with LM25, 3/4"NPT with Modbus
SPXCDULNS2	Explosion Proof Transmitter (EC), 4-20mA, 3 Relays, Sensepoint Toxic Sensor, Sulfur dioxide (SO2) 0-15 ppm Aluminum Enclosure, Class I, Div 2
SPXCDULNS2M	Explosion Proof Transmitter (EC), 4-20mA, 3 Relays, Modbus, Sensepoint Toxic Sensor, Sulfur dioxide (SO2) 0-15 ppm Aluminum Enclosure, Class I, Div 2
SPXCDULNS2R	XCD DIV2 cCSAus LM25 SO2 0-15PPM JB
SPXCDULNS2RM	Explosion Proof Transmitter (EC), 4-20mA, 3 Relays, Modbus, Sensepoint Toxic Sensor, Sulfur dioxide (SO2) 0-15 ppm Aluminum Enclosure, Class I, Div 2 w/ Junction Box
XCDRTDKIT	CALIBRATION KIT FOR XCD RTD

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[Sensepoint XCD RTD](#)



[XNX™ Universal Transmitter](#)



[Sensepoint XCD RFD](#)

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