Sensepoint XCD

Flammable, toxic and Oxygen gas detector for industrial applications

Sensepoint XCD

The Sensepoint XCD range provides comprehensive monitoring of flammable, toxic and Oxygen gas hazards in potentially explosive atmospheres, both indoors and outdoors. 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.

One-Stop Shop
- Flammable (catalytic or infrared), toxic and Oxygen versions available
- New and retrofit applications
- Suitable for indoor or outdoor use
- Stainless steel or aluminium 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
- European, North American and Asian
- Compliant with ATEX, IECEx, UL/c-UL, KTL, PA, GB and CCCF standards

Easy to Use
- User friendly and intuitive tri-colour backlit display with digits, bar graph and icons
- Fully configurable via magnetic switches
- Selectable sink or source 4-20mA output
- Auto-inhibit during maintenance
- Optional 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
- Optional 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 (certification dependent)
- Removable plug/socket type terminal blocks for ease of wiring
- Sink/source switch to suit preferred wiring topology

Range of Optional Accessories
- Sunshade/deluge protection
- Duct mounting kit
- Calibration gas flow housing
- Collecting cone

A tri-colour 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 2 programmable alarm relays, 1 programmable fault relay as well as an industry standard 4-20mA output (sink or source selectable) and MODBUS.

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.

Sensepoint XCD has an integral mounting plate for surface mounting or can be mounted to a horizontal or vertical pipe using the optional pipe mounting bracket. Electrical installation can be made using either conduit or cable with suitable mechanical protection. Two M20 or ¾"NPT entries are provided (depending on certification). A weatherproof cap is also included for use in the harshest outdoor conditions. Other optional accessories include a sunshade/deluge protection, duct mounting kit and collecting cone.

Sensepoint XCD ensures easy installation and the fastest routine operation by removing the need for hot work permits in hazardous areas. Using easy to replace plug-in sensors, downtime is also reduced and on-going costs are minimised through the use of poison resistant flammable sensors, poison immune infrared Hydrocarbon sensors and patented Surecell™ toxic sensors.

1. Cover
2. Display module
3. Terminal area
4. Blanking plug
5. Transmitter
6. Plug-in XCD sensor
7. Sensor retaining ring
8. Integral mounting plate
9. Weather protection assembly
10. Cable/conduit entry (x2)
11. Certification label

Typical Applications
- Industrial manufacturing facilities
- Power plants
- Waste water facilities
- Utilities
- Food and beverage production
- Refineries and chemical plants
- Onshore oil and gas terminals
- Production platforms
- Exploration and drilling

There are three different types of the XCD transmitter for use with three different families of sensors.
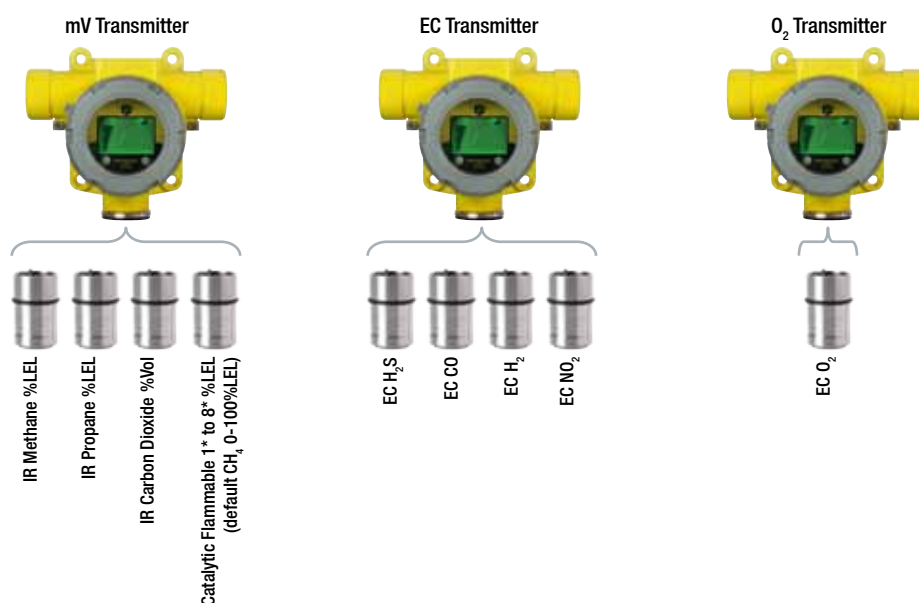
The mV type transmitter is for use with the mV family of XCD sensors including catalytic sensors to detect flammable gases in the range 0-100%LEL and infrared (IR) sensors for detection of Hydrocarbon gases in the range 0-100%LEL. Two IR Hydrocarbon sensors are available; one linearised to Methane and one linearised to Propane. The Propane version has linear cross sensitivities factors for Ethylene, Butane and Pentane. There is also an IR CO_2 sensor available in the range 0-2%Vol.

The EC type transmitter is for use with the EC family of XCD sensors including Carbon Monoxide (CO), Hydrogen Sulphide, (H_2S), Nitrogen Dioxide (NO_2) and Hydrogen (H_2).

The Oxygen transmitter is for use with the Oxygen (O_2) XCD sensors.

A transmitter can auto-recognise any sensor from within its sensor family. The sensor simply plugs into the bottom of the transmitter and the transmitter automatically configures itself accordingly.

	Gas	User Selectable Full Scale Range	Default Range	Steps	Selectable Cal Gas Range	Default Cal Point
	Senseppoint XCD Sensor Families, Gases and Ranges					
mV	**Catalytic Bead Sensors**					
	Flammable 1 to 8*	20 to 100%LEL	100%LEL	10%LEL		50%LEL
	Infrared Sensors					
	Methane	20 to 100%LEL	100%LEL	10%LEL		50%LEL
	Propane	20 to 100%LEL	100%LEL	10%LEL	30 to 70% of selected full scale range	50%LEL
	Carbon Dioxide	2.00%Vol. only	2.00%Vol.	n/a		1.00%Vol.
EC	**Electrochemical Sensors**					
	Hydrogen Sulphide	10.0 to 100.0ppm	50.0ppm	0.1ppm		25ppm
	Carbon Monoxide	100 to 1,000ppm	300ppm	100ppm		100ppm
	Hydrogen	1,000ppm only	1,000ppm	n/a		500ppm
	Nitrogen Dioxide	10.0 to 50.0ppm	10.0ppm	5.0ppm		5.0ppm
O₂	Oxygen	25.0%Vol. only	25.0%Vol.	n/a	20.9%Vol. (Fixed)	20.9%Vol.

(Left axis label: Sensor Family)

mV Transmitter

IR Methane %LEL

IR Propane %LEL

IR Carbon Dioxide %Vol

Catalytic Flammable 1* to 8* %LEL (default CH_4 0-100%LEL)

EC Transmitter

EC H_2S

EC CO

EC H_2

EC NO_2

O_2 Transmitter

EC O_2

Ready, Steady, Go!

Sensepoint XCD uses three instantly recognisable 'traffic light' colours to indicate its status. The large tri-colour 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.
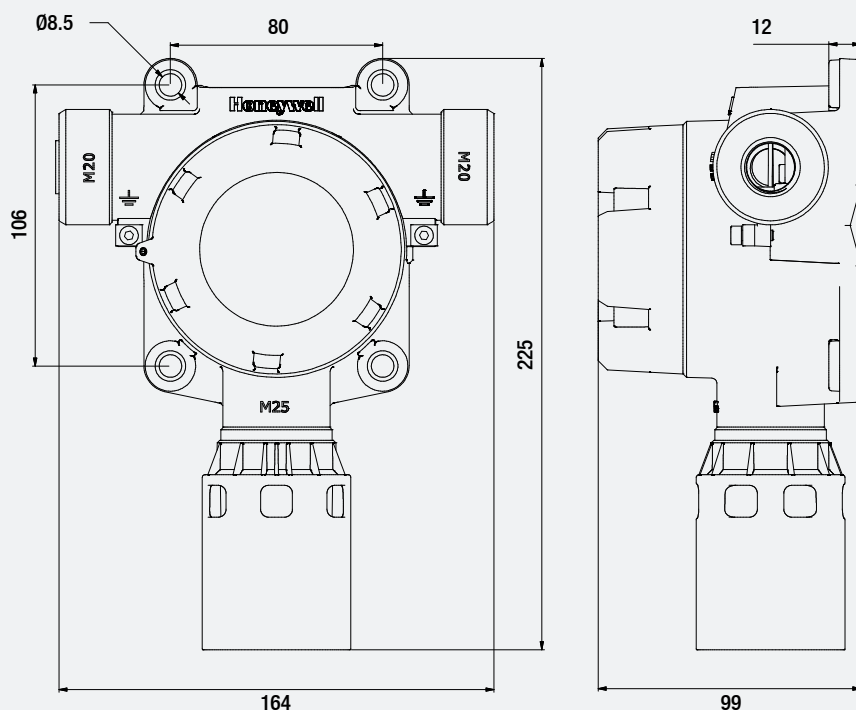
Normal   Fault/Warning   Alarm

Installation
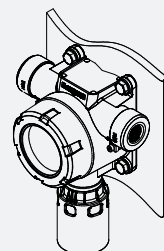
Outline Installation Dimensions

The Sensepoint XCD transmitter has an integral mounting plate consisting of four mounting holes on the transmitter body. The transmitter may be fixed directly to a surface mounting, or to a horizontal or vertical pipe/structure, 40.0-80.0mm (1.6 to 3.1") in diameter/cross section. The pipe mounting bracket accessory (optional) may be used for this purpose.

User cable entries shown (2 x M20) are for ATEX/IECEx version enclosures. UL/c-UL versions have 2 x ¾"NPT conduit entries. A suitable blanking plug is supplied which must be used to seal any unused entry. The blanking plug must be suitably sealed to maintain the IP rating of the detector.
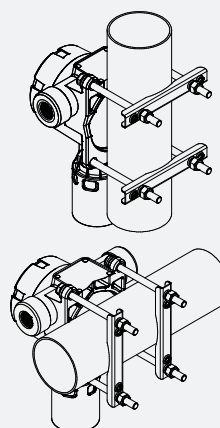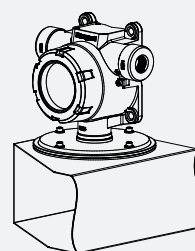
All dimensions in mm.
1" = 25.4mm

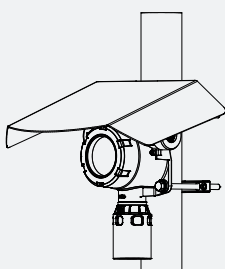## Installation Options

Wall Mounted

**Vertical or horizontal pipe mounted
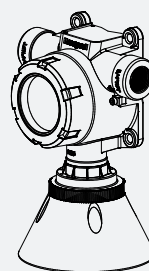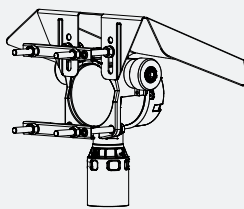(Using optional pipe mounting bracket)**
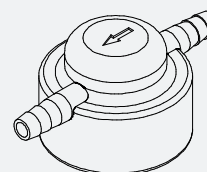

Duct Mounted

Other Accessories

Various accessories are available for different applications:

Sunshade/Deluge protection

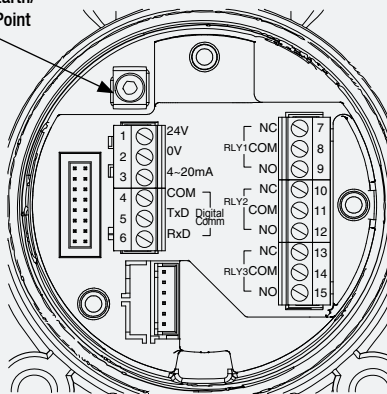**Collecting Cone**

Gassing Cap

Electrical

Sensepoint XCD is designed for use in potentially explosive atmospheres. As such, installation should follow national guidelines using suitable mechanically protected cable and glands or conduit. Use 0.5mm² (20AWG) to 2.5mm² (~13AWG) cross sectional area cable as needed to ensure minimum operating voltage at the detector, depending on installed cable length. Cable diameter should be selected to maintain the minimum required voltage for the longest installed cable length under maximum power.
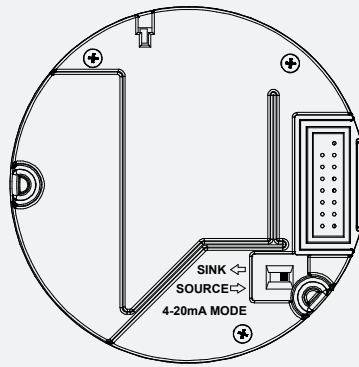
Terminal Module Connections

Terminal Number	Marking	Connection	Description
1	24V	+VE Supply (16 - 32VDC)	Controller Connections
2	0V	-VE Supply (0VDC)	
3	4~20mA	Current Output Signal	
4	COM	Drain	MODBUS RTU. RS485 (Optional)
5	TxD	MODBUS B (+)	
6	RxD	MODBUS A (-)	
7	RLY1/NC	Normally Closed	Programmable Relay 1 (Default A1)
8	RLY1/COM	Common	
9	RLY1/NO	Normally Open	
10	RLY2/NC	Normally Closed	Programmable Relay 2 (Default A2)
11	RLY2/COM	Common	
12	RLY2/NO	Normally Open	
13	RLY3/NC	Normally Closed	Programmable Relay 3 (Default Fault)
14	RLY3/COM	Common	
15	RLY3/NO	Normally Open	

Internal Earth/ Ground Point

Terminal Module

Puck Rear View

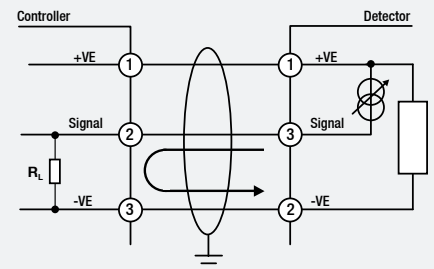Note: Terminal Blocks are plug/socket type and may be removed to ease wiring.

Typical Cable Lengths

Typical Cable Data			Maximim Cable Length					
Cable Size (Cross Sectional Area)	Cable Resistance		Catalytic		EC		IR	
	Ω/km	Ω/mi	Metres	Feet	Metres	Feet	Metres	Feet
0.5mm² (20AWG*)	36.8	59.2	356	1167	478	1568	420	1379
1.0mm² (17AWG*)	19.5	31.4	671	2201	902	2956	793	2599
1.5mm² (16AWG*)	12.7	20.4	1031	3387	1384	4549	1217	4000
2.0mm² (14AWG*)	10.1	16.3	1296	4239	1741	5694	1531	5006
2.5mm² (13AWG*)	8	12.9	1636	5356	2197	7194	1932	6326

Note: Table given for guidance only. Users should calculate maximum distances using actual data for cable being used. Typical calculation assumes minimum guaranteed controller supply of 24VDC, minimum detector voltage of 16VDC and maximum power supply under full alarm. R_L (max) is 250ohms.

Wiring Schematics

The Sensepoint XCD transmitter may be wired in either Current Sink or Current Source configuration. These two options are offered to allow greater flexibility in the type of control system that it can be used with. Sink/Source is selectable via the switch located on the back side of the display module; accessible by removing the display module during installation/ commissioning.

XCD Source Configuration

XCD Sink Configuration

Note: Terminate cable screen at the detector or the controller, not both.

Technical Summary
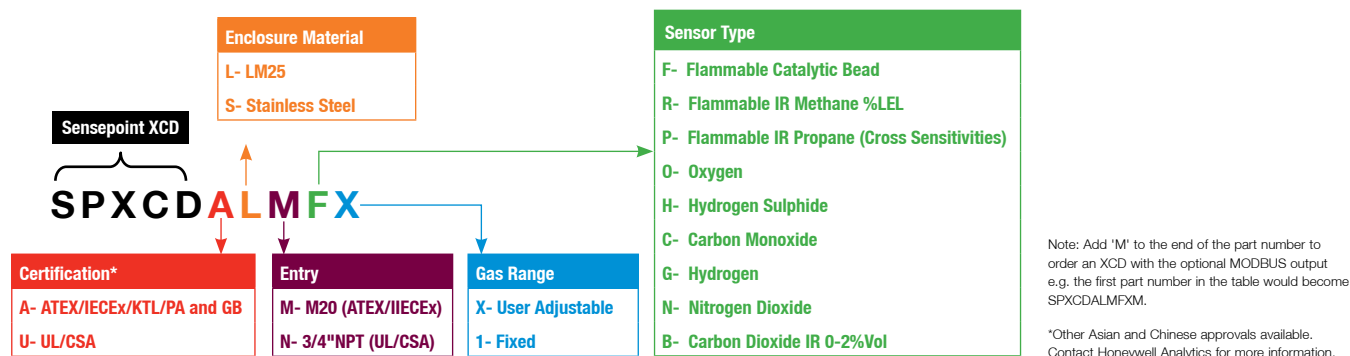
Sensepoint XCD Detector	
Use	3 wire, 4-20mA and RS485 MODBUS output fixed point detector with in-built alarm and fault relays for the protection of personnel and plant from flammable, toxic and Oxygen hazards. Incorporating a transmitter with local display and fully configurable via non-intrusive magnetic switch interface. Wide range of sensors available.

Electrical

	Input Voltage Range	16 to 32VDC (24VDC nominal)
	Max Power Consumption	Maximum power consumption is dependent on the type of gas sensor being used. Electrochemical cells = 3.7W, IR = 3.7W and catalytic = 4.9W. Maximum inrush current = 800mA at 24VDC
	Current Output	Sink or source
	≥0.0<1.0mA	Fault
	2.0mA or 4.0mA (17.4mA)	Inhibit (during configuration/user settings)
	4.0mA to 20.0mA	Normal gas measurement
	22.0mA	Maximum over range
	Terminals	15 x screw terminals suitable for wire diameter 0.5mm^2 to 2.5mm^2 (20AWG to 14AWG)
	Relays	3 x 5A@250VAC. Selectable normally open or normally closed (switch) and energised/de-energised (programmable) Alarm relays default normally open/de-energised. Fault relay default normally open/energised
	Communication	RS485, MODBUS RTU (Optional)

Construction

Material	Housing	Epoxy painted aluminium alloy LM25 or 316 stainless steel
	Sensor	316 stainless steel
	Weather Protection	Plastic
Weight (approx)	Aluminium Alloy LM25	2.0kg (4.4lbs)
	316 Stainless Steel	5.0kg (11lbs)
Mounting	Integral mounting plate with 4 x mounting holes suitable for M8 bolts	
	Optional pipe mounting kit for horizontal or vertical pipe Ø1.5 to 3" (2" nominal)	
Entries	European ATEX/IECEx versions: 2 x M20 cable entries	
	North American UL/c-UL versions: 2 x ¾"NPT conduit entries. Suitable blanking plug supplied for use if only 1 entry used. Seal to maintain IP rating	

Detectable Gases and XCD Sensor Performance

Gas	User Selectable Full Scale Range	Default Range	Steps	User Selectable Cal Gas Range	Default Cal Point	Response Time (T90) Secs	Accuracy	Operating Temperature*		Default Alarm Points	
								Min	Max	A1	A2
Electrochemical Sensors											
Oxygen	25.0%Vol. only	25.0%Vol.	n/a	20.9%Vol. (Fixed)	20.9%Vol.	<30	<+/-0.5%Vol.	-20°C / -4°F	55°C / 131°F	19.5%Vol. ▼	23.5%Vol. ▲
Hydrogen Sulphide	10.0 to 100.0ppm	50.0ppm	1ppm	30 to 70% of selected full scale range	25ppm	<50	<+/-1ppm	-20°C / -4°F	55°C / 131°F	10ppm ▲	20ppm ▲
Carbon Monoxide	100 to 1,000ppm	300ppm	100ppm		100ppm	<30	<+/-6ppm	-20°C / -4°F	55°C / 131°F	100ppm ▲	200ppm ▲
Hydrogen	1,000ppm only	1,000ppm	n/a		500ppm	<65	<+/-25ppm	-20°C / -4°F	55°C / 131°F	200ppm ▲	400ppm ▲
Nitrogen Dioxide	10.0 to 50.0ppm	10.0ppm	5.0ppm		5.0ppm	<40	<+/-3ppm	-20°C / -4°F	55°C / 131°F	5.0ppm ▲	10.0ppm ▲
Catalytic Bead Sensors				25 to 95% of selected full scale range							
Flammable 1 to 8*	20 to 100%LEL	100%LEL	10%LEL		50%LEL	<25	<+/-1.5%LEL	-20°C / -4°F	55°C / 131°F	20%LEL ▲	40%LEL ▲
Infrared Sensors											
Methane	20 to 100%LEL	100%LEL	10%LEL	30 to 70% of selected full scale range	50%LEL	<30	<+/-1.5%LEL	-20°C / -4°F	50°C / 122°F	20%LEL ▲	40%LEL ▲
Propane	20 to 100%LEL	100%LEL	10%LEL		50%LEL	<30	<+/-1.5%LEL	-20°C / -4°F	50°C / 122°F	20%LEL ▲	40%LEL ▲
Carbon Dioxide	2.00%Vol.	2.00%Vol.	n/a		1.00%Vol.	<30	<+/-0.04%Vol.	-20°C / -4°F	50°C / 122°F	0.40%Vol. ▲	0.80%Vol. ▲

▲ - Rising Alarm   ▼ - Falling Alarm

NOTES
Performance data is: 1. Taken at nominal 20°C, 50%RH. 2. Applicable over the range 10 to 90% full scale. 3. Measured on units calibrated at 50% full scale. 4. Accuracy at 10% of default full scale (typical A1 alarm) of applied gas, or minimum (whichever is greater). 5. Measured at 500ml/min for IR, Toxics and O$_2$, 1 Ltr/min for Catalytic bead using the calibration cup (S3KCAL).
*Extended operating temperature range of -40°C to +65°C (-40°F to +149°F) for all sensors except for IR and H$_2$ EC sensors, with an accuracy of +/- 30% of applied gas from -20°C to -40°C (-4°F to -40°F) and +55°C to +65°C (+131°F to +149°F). Long term operation at this range may cause decline in sensor performance. Contact Honeywell Analytics for any additional data or details.

Certification

European	ATEX Ex II 2 GD Ex d IIC Gb T6 (Ta -40°C to +65°C) Ex tb IIIC T85°C Db IP66
International	IEC Ex d IIC Gb T6 (Ta -40°C to +65°C) Ex tb IIIC T85°C Db IP66
China	GB Ex d IIC T4 GB3836.1&2 -2000, PA, CCCF
Korea	KTL Ex d IIC T6 (-40°C to +65°C)
North America	UL/c-UL - Class I, Division 1, Groups B, C and D, Class I, Division 2, Groups B, C & D, Class II, Division 1, Groups E, F & G, Class II, Division 2, Groups F & G. -40°C to +65°C
EMC	CE: EN50270:2006 EN6100-6-4:2007
Performance	ATEX, IEC/EN60079-29-1:2007, EN45544, EN50104, EN50271 China: PA Pattern Measurement (for transmitter and toxic gas sensors) "CCCF" Shenyang for Flammable (fire dept approval) CSA C22.2-152

Environmental	
IP Rating	IP66 in accordance with EN60529:1992
Certified Temperature Range	-40ºC to +65ºC (-40ºF to +149ºF) Note: The detector display may become illegible at temperatures below -20°C, but the detector continues its gas monitoring function. The display is not damaged and recovers when the temperature rises back above -20°C.
Operating Humidity	Continuous 20-90%RH (non-condensing), Intermittent 0-99%RH (non-condensing)
Operating Pressure	90-110kPa
Storage Conditions	-25°C to +65°C (-13°F to 131°F)

Ordering Information	
Standard Supply	Sensepoint XCD is supplied complete with integral wall mounting plate, 2 x M20 cable entry (ATEX/IECEx) or 2 x ¾"NPT conduit entries (UL/cUL), 1 x M20 or 1 x ¾"NPT plug, Allen key for locking screw, weatherproof cap, operating magnet, sensor cartridge with retainer, quick start guide and instruction manual CD. Default settings, ranges and calibrations are 100% tested at the factory. Each unit is supplied with a calibration and test certificate.
Shipping Details	Shipping carton dimensions: L312mm (12.3") x W223mm (8.8") x D110mm (4.3") Approximate weight: Aluminium 2.5kg (5.5lbs), Stainless Steel 5.5kg (12.1lbs)

Enclosure Material
L- LM25
S- Stainless Steel

Sensor Type
F- Flammable Catalytic Bead
R- Flammable IR Methane %LEL
P- Flammable IR Propane (Cross Sensitivities)
O- Oxygen
H- Hydrogen Sulphide
C- Carbon Monoxide
G- Hydrogen
N- Nitrogen Dioxide
B- Carbon Dioxide IR 0-2%Vol

Sensepoint XCD

S P X C D A L M F X

Certification*
A- ATEX/IECEx/KTL/PA and GB
U- UL/CSA

Entry
M- M20 (ATEX/IIECEx)
N- 3/4"NPT (UL/CSA)

Gas Range
X- User Adjustable
1- Fixed

Note: Add 'M' to the end of the part number to order an XCD with the optional MODBUS output e.g. the first part number in the table would become SPXCDALMFXM.

*Other Asian and Chinese approvals available. Contact Honeywell Analytics for more information.

Sensepoint XCD Detector ATEX/IECEx/KTL, PA & GB (Aluminium LM25)*	
SPXCDALMFX	ATEX/IECEx/KTL/PA and GB approved SP XCD Flammable CAT 0-100%LEL (20 to 100%LEL, 10%LEL) with LM25, M20 Entry
SPXCDALMRX	ATEX/IECEx/KTL/PA and GB approved SP XCD (Methane) IR 0-100%LEL (20 to 100%LEL, 10%LEL) with LM25, M20 Entry
SPXCDALMPX	ATEX/IECEx/KTL/PA and GB approved SP XCD (Propane) IR 0-100%LEL (20 to 100%LEL, 10%LEL) with LM25, M20 Entry
SPXCDALMO1	ATEX/IECEx/KTL/PA and GB approved SP XCD Oxygen 25.0%/Vol. with LM25, M20 Entry
SPXCDALMHX	ATEX/IECEx/KTL/PA and GB approved SP XCD Hydrogen Sulphide 0-50.0ppm (10.0 to 100.0ppm, 1.0ppm) with LM25, M20 Entry
SPXCDALMCX	ATEX/IECEx/KTL/PA and GB approved SP XCD Carbon Monoxide 0-300ppm (100-1000ppm, 100ppm) with LM25, M20 Entry
SPXCDALMG1	ATEX/IECEx/KTL/PA and GB approved SP XCD Hydrogen 0-1000ppm with LM25, M20 Entry
SPXCDALMNX	ATEX/IECEx/KTL/PA and GB approved SP XCD Nitrogen Dioxide 0-50.0ppm (10.0-50.0, 5.0ppm) with LM25, M20 Entry
SPXCDALMB1	ATEX/IECEx/KTL/PA and GB approved SP XCD Carbon Dioxide IR 0-2.00%Vol. with LM25, M20 Entry

Sensepoint XCD Detector ATEX/IECEx/KTL, PA & GB (316 Stainless Steel)*	
SPXCDASMFX	ATEX/IECEX and AP approved SP XCD Flammable CAT 0-100%LEL (20 to 100%LEL, 10%LEL) with 316SS, M20 Entry
SPXCDASMRX	ATEX/IECEX and AP approved SP XCD (Methane) IR 0-100%LEL (20 to 100%LEL, 10%LEL) with 316SS, M20 Entry
SPXCDASMPX	ATEX/IECEX and AP approved SP XCD (Propane) IR 0-100%LEL (20 to 100%LEL, 10%LEL) with 316SS, M20 Entry
SPXCDASMO1	ATEX/IECEX and AP approved SP XCD Oxygen 25.0%/Vol. with 316SS, M20 Entry
SPXCDASMHX	ATEX/IECEX and AP approved SP XCD Hydrogen Sulphide 0-50.0ppm (10.0 to 100.0ppm, 1.0ppm) with 316SS, M20 Entry
SPXCDASMCX	ATEX/IECEX and AP approved SP XCD Carbon Monoxide 0-300ppm (100-1000ppm, 100ppm) with 316SS, M20 Entry
SPXCDASMG1	ATEX/IECEX and AP approved SP XCD Hydrogen 0-1000ppm with 316SS, M20 Entry
SPXCDASMNX	ATEX/IECEX and AP approved SP XCD Nitrogen Dioxide 0-50.0ppm (10.0-50.0, 5.0ppm) with 316SS, M20 Entry
SPXCDASMB1	ATEX/IECEX and AP approved SP XCD Carbon Dioxide IR 0-2.00%Vol. with 316SS, M20 Entry

Optional Accessories		Spare XCD Sensors (316 Stainless Steel)	
S3KCAL	Calibration cup	**SPXCDXSFXSS**	Flammable CAT 0-100%LEL (20 to 100%LEL, 10%LEL)**
SPXCDCC	Collecting cone for use with lighter than air gases	**SPXCDXSRXSS**	Methane IR 0-100%LEL (20 to 100%LEL, 10%LEL)**
SPXCDDMK	Duct mounting kit	**SPXCDXSPXSS**	Propane IR 0-100%LEL (20 to 100%LEL, 10%LEL)**
SPXCDHMANEN	Hard copy manual in English	**SPXCDXSO1SS**	Oxygen 25.0%/Vol. only
SPXCDMTBR	Mounting bracket (inc. bolts, nuts, brackets)	**SPXCDXSHXSS**	Hydrogen Sulphide 0-50.0ppm (10.0 to 100.0ppm, 1.0ppm)**
SPXCDSDP	Sunshade/Deluge Protection	**SPXCDXSCXSS**	Carbon Monoxide 0-300ppm (100-1000ppm, 100ppm)**
00780-A-0100	ATEX approved junction box (Explosion-proof)	**SPXCDXSG1SS**	Hydrogen 0-1000ppm only
		SPXCDXSN1SS	Nitrogen Dioxide 0-50.0ppm (10.0-50.0ppm, 5.0ppm)**
		SPXCDXSB1SS	Carbon Dioxide IR 0-2.00%Vol. only

*For UL/c-UL versions simply change the letters in the part number for certification and entry e.g. first part number in table above would become SPXCDULNFX.
**For further details of user configurable ranges refer to "Detectable Gases and XCD Sensor Performance" table on page 6.
Note: Add 'M' to the end of the part number to order an XCD with the optional MODBUS output e.g. the first part number in the table would become SPXCDALMFXM.

Our Product Range

Fixed Gas Monitoring

Honeywell Analytics offers a wide range of fixed gas detection solutions for a diverse array of industries and applications including: Commercial properties, industrial applications, semiconductor manufacturers, energy plants and petrochemical sites.

» Detection of flammable, oxygen and toxic gases (including exotics)

» Innovative use of 4 core sensing technologies – paper tape, electrochemical cell, catalytic bead and infrared

» Capability to detect down to Parts Per Billion (ppb) or Percent by Volume (%v/v)

» Cost effective regulatory compliance solutions

Portable Gas Monitoring

When it comes to personal protection from gas hazards, Honeywell Analytics has a wide range of reliable solutions ideally suited for use in confined or enclosed spaces. These include:

» Detection of flammable, oxygen and toxic gases

» Single gas personal monitors – worn by the individual

» Multi-gas portable gas monitors – used for confined space entry and regulatory compliance

» Multi-gas transportable monitors – used for temporary protection of area during site construction and maintenance activities

Technical Services

At Honeywell Analytics, we believe in the value of great service and customer care. Our key commitment is providing complete and total customer satisfaction. Here are just a few of the services we can offer:

» Full technical support

» Expert team on hand to answer questions and queries

» Fully equipped workshops to ensure quick turnaround on repairs

» Comprehensive service engineer network

» Training on product use and maintenance

» Mobile calibration service

» Customised programmes of preventative/corrective maintenance

» Extended warranties on products

Find out more

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