

THE PERFECT DETECTOR FOR HARD-TO-REACH SITES OR ZONES.

The Sensepoint XCD range of detectors provides a comprehensive solution to monitor combustible, toxic and oxygen gas hazards in potentially explosive atmospheres, both indoors and outdoors.

Users can modify the operation mode of each detector using the LCD screen and magnet switches, without even needing to open the unit. A tri-colour backlit LCD screen clearly and immediately indicates the unit's status, even from a distance.

The Sensepoint XCD uses a colour system so users can confirm its status at a glance. A green LCD screen indicates normal operation, yellow indicates a fault, and red indicates an alarm.



NORMAL

FAULT/WARNING

ALARM



TECHNICAL DATA

Size: 8.85 x 6.45 x 3.9 in. / 22.5 x 16.4 x 9.9 cm

Weight:
Aluminium Alloy LM25: 4.4lbs (2.0kg),
316 Stainless Steel: 11lbs (5.0kg)

Protection Class: IP66 in accordance with EN60529:1992

Temperature: 40°F to +149°F (-40°C to +65°C)

Humidity:
Continuous 20-90%RH (non-condensing)
Intermittent 10-99%RH (non-condensing)

Output: 4-20 mA, RS485, MODBUS RTU (Optional)

Power supply:
16 to 32VDC (24VDC nominal) for ATEX/IECEX/AP Versions,
12 to 32VDC (24VDC nominal) for UL/CSA version)

Relay: 3 x 5A at 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

Entries: European ATEX/IECEX versions: 2 x M20 cable entries
North American UL/c-UL versions: 2 x 3/4" NPT conduit entries.
Suitable blanking plug supplied for use if only 1 entry used. Seal to maintain IP rating

Power consumption:
Electrochemical cells = 3.7W, IR = 3.7W and catalytic = 4.9W.
Maximum inrush current = 800mA at 24VDC.

Approvals:
ATEX II 2 GD Ex d IIC Gb T6 (Ta -40°C to +65°C)
T5 (Ta -40°C to +75°C) Ex tb IIIC T85°C Db IP66 T100°C (Ta -40°C to +75°)
IECEX Ex d IIC Gb T6 (Ta -40°C to +65°C) T5 (Ta -40°C to +75°C)
Ex tb IIIC T85°C Db IP66 T100°C (Ta -40°C to +75°C)
ECM: EN50270:2006 EN6100-6-4:2007

Performance: EN60079-29-1:2007 (flammable), EN45544 (Toxic), EN50104 (Oxygen), EN5027



The sensepoint XCD allows the cell to be offset until 30 metres from the transmitter to adapt to all situation.

GAS DETECTION

Gas	Measuring Range	Response Time (T90) Secs	Accuracy	Operating Temperature
Electrochemical Sensors				
O ₂	25.0%Vol. only	<30	< ± 0.5% Vol.	-4 to131°F -20 to +55°C
H ₂ S	10.0-100.0ppm	<50	< ± 1 ppm	-4 to131°F -20 to +55°C
CO	100-1,000 ppm	<30	< ± 6 ppm	-4 to131°F -20 to +55°C
H ₂	1,000 ppm only	<65	< ± 25 ppm	-4 to131°F -20 to +55°C
NO ₂	10.0-50.0ppm	<40	< ± 3ppm or ±20%	-4 to131°F -20 to +55°C
Infrared Sensors				
CH ₄	20-100%LEL	<30	< ±1.5% LEL	-4 to122°F -20 to +50°C
C ₂ H ₆	20-100%LEL	<30	< ±1.5% LEL	-4 to122°F -20 to +50°C
CO ₂	2.00%Vol.	<30	< ± 0.045% vol	-4 to122°F -20 to +50°C
Catalytic Bead Sensors				
Flammable (1 to 8)	20-100%LEL	<25	< ±1.5% LEL	-4 to131°F -20 to +55°C