

Sensepoint XCL

Fixed Gas Detector

Sensepoint XCL is a fixed point gas leak detector that is designed to meet the needs of commercial and light industrial applications. With over 50 years experience in gas leak detection, Honeywell offers a flexible range of highly-reliable sensing devices to meet those needs.

- Quicker installation
- Rapid configuration
- Simple to operate
- Straightforward to maintain

Honeywell innovation enables customers to pair the gas detector with their mobile phone, and then use an app to perform many tasks related to installation, commissioning and maintenance.

Flexible Output Options

Sensepoint XCL is available with either mA loop analog output or Modbus RTU with the option for relays on both. The result is a flexible solution that can easily be incorporated into legacy systems as well as new installations.

Faster Installation

Everything you need for installation is in the box, including simple drilling templates.

Easy Control and Maintenance

Sensepoint XCL's smartphone interface makes for much faster calibration, configuration and bump tests. Inspecting the status and settings of individual Sensepoint XCL detectors is simple. Use the mobile app to:

- Read gas concentrations in real-time
- Reconfigure settings
- Check unit histories

Automated Reporting

Increase the efficiency of your operations and reduce administration time. The app and Sensepoint XCL provides easy access to diagnostic information and generates calibration reports at the touch of a screen.

Compatible System Controller

Touchpoint Plus is the perfect complement to Sensepoint XCL, providing an intuitive, easy to operate gas detection solution to meet the needs of your business.



Visual Integration

Sensepoint XCL is designed with the needs of building architects in mind. Clean aesthetics and a choice of colors mean that the detector is ideal for public spaces like lobbies and retail environments.

Typical Applications

- Kitchens and food processing
- Manufacturing facilities and factories
- Hospitals
- Retail sites
- Transportation and parking
- Laboratories
- Hotel and leisure
- Apartments, accommodation blocks and condominiums

Accessories

- Calibration cap / flow housing
- Duct mount kit for round or flat profile ducts

FEATURES & BENEFITS

- | | | | | |
|---|--|---|--|---|
| <ul style="list-style-type: none"> • Choose from a range of mA or Modbus output versions for flexible system design to meet the customers requirements. • Selectable source or sink current for analog output enables one detector to be suitable for both system configurations. | <ul style="list-style-type: none"> • Optional relay output for external control systems or alarming devices enables easy integration and local indication. • The ingress protection of IP65 allows units to be mounted in wash down areas. | <ul style="list-style-type: none"> • Multi-color visual indicator to show status makes it easier to know the detector status immediately and identify detectors that require attention or are warning of danger. | <ul style="list-style-type: none"> • Gassing port for easier bump test of units installed in inaccessible locations. No need to purchase a separate accessory and thus saves money. | <ul style="list-style-type: none"> • Manage the detector without making a physical connection. Remove the need for physical access to hard-to-reach devices. • Simplified maintenance with familiar smartphone technology saves money and time. |
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Sensepoint XCL Technical Specifications

PHYSICAL PROPERTIES	
DIMENSIONS	113 x 113 x 59 mm (4.4 x 4.4 x 2.3 in)
WEIGHT	500 g (1.1 lb)
CASING MATERIAL	Polycarbonate (charcoal or white)
INGRESS PROTECTION RATING	IP65, Type 4 (in accordance with NEMA 250)
LIFETIME	10 years (excludes sensor)
AVAILABLE SENSORS	
FLAMMABLE, TOXIC GASES AND OXYGEN RANGES	<ul style="list-style-type: none"> Combustible: 0 to 100 % LEL (factory calibrated to Methane) O₂: 0 to 25% vol CO: 300 ppm (adjustable between 50 and 1000 ppm) H₂: 1000 ppm H₂S Low Range: 50 ppm (adjustable between 10 and 50 ppm) H₂S High Range: 100 ppm (adjustable between 50 and 200 ppm) NO₂: 20 ppm (adjustable between 5 and 50 ppm) NH₃: 200 ppm (adjustable between 50 and 200 ppm)
POWER SUPPLY	
NOMINAL DC INPUT VOLTAGE	24 V DC [†]
NOMINAL AC INPUT VOLTAGE	24 V AC [†] , 50/60 Hz
MAXIMUM INRUSH CURRENT	850 mA
OUTPUT	
ANALOG OUTPUT	0 to 22 mA
DIGITAL OUTPUT	Modbus RTU
RELAY OUTPUT	2 relays rated at 24 V DC / 240 V AC, 5 A
MAXIMUM POWER CONSUMPTION	
mA VERSIONS	< 1.2 W (toxic), < 1.7 W (flammable)
MODBUS VERSIONS	< 0.7 W (toxic), < 1.2 W (flammable)
RELAY VERSIONS	Additional 0.6 W total

[†] mA versions: 11 to 32 VDC, Modbus versions: 9 to 32 VDC

[‡] All versions: 20 to 27 VAC

CONNECTION	
TYPE	Pluggable rising clamp style, 0.5 to 1.5 mm ² , 20 to 16 AWG.
USER INTERFACE	
VISUAL INDICATOR	Multi-colour LED light ring <ul style="list-style-type: none"> Green: normal[§] Flashing red: Alarm Flashing green and yellow: Warning Flashing yellow: Fault Solid yellow: Inhibited Flashing blue: Bluetooth pairing in progress Solid blue: Bluetooth connection established
WIRELESS INTERFACE	Bluetooth 4.0 (Bluetooth Low Energy). Dedicated mobile app, enabling wireless configuration and maintenance. Connect up to 10 m away (mobile device dependent). Use a compatible smartphone or other mobile device running Android 4.3 or above.
OPERATING ENVIRONMENT	
OPERATING TEMPERATURE	-20 to 50°C (-4 to 122 °F)
STORAGE TEMPERATURE	0 to 30°C (32 to 86 °F)
HUMIDITY	0 to 99% (non-condensing) [¶]
ATMOSPHERIC PRESSURE	90 to 110 kPa
APPROVALS	
ELECTRICAL SAFETY	EN/UL/IEC61010-1 CSA-C22.2 No. 61010-1-12
EMC	EN 50270
RADIO	RED, FCC
OTHER	UL2075, AS 1668.2

[§] LED behavior in normal condition can be changed by the user: solid green, green confidence flash or off.

[¶] Flammable catalytic versions: 10 to 90% RH. Operating the detector outside of this range may result in increased drift and a reduction in detector accuracy.

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Honeywell
THE POWER OF CONNECTED

PROTECTION THAT MAKES SENSE

Bluetooth® Enabled Gas Detector

SENSEPOINT XCL





Expected Safety. Unexpected Simplicity.

Sensepoint XCL is a wall-mounted gas detector that delivers the safety and compliance that you expect, and the affordability and ease of use that you don't. So you can confidently meet your requirements and quickly move on to other priorities.





Especially designed for commercial and light industrial applications, Sensepoint XCL delivers just the right amount of functionality to protect your life and your premises while ensuring compliance with safety regulations. Inside its sturdy casing, Sensepoint XCL has your choice of sensor for the gas you need to detect.

Choose from oxygen, carbon monoxide, methane, propane and others, when ordering. If you need to monitor for more than one gas hazard you can use several Sensepoint XCL detectors in different parts of your operation. Whether you need to protect a garage or a boiler room, a food processing unit or a fuel station, it is safe to rely on Sensepoint XCL to detect dangerous gasses.

Applications



Hospitals / Laboratories



Food / Meat Processing Units



Loading Bays



Cosmetic Labs



Bottling and Brewery Units



High-Rise Condominium



Boiler Rooms



Commercial Kitchens



Bus Stations



Fuel Stations



Parking Areas



Garages

Gas Options

Oxygen O₂

Carbon Monoxide CO

Hydrogen H₂

Hydrogen Sulfide H₂S
Combustible

Nitrogen Dioxide NO₂

Ammonia NH₃

No Expertise Required

Easy Set-Up From Your Smartphone

Sensepoint XCL enables you to use everyday technology to set up and maintain your gas detector. You don't need to worry that a technical error could put compliance or safety at risk as the Sensepoint XCL smartphone application guides you every step of the way.

Blends Into Your Environment

Functional and Aesthetical

Sensepoint XCL works in conjunction with a controller to trigger the alarm responses that you choose, or use the optional relays for local, stand-alone control. Moreover, Sensepoint XCL was built with aesthetics in mind, so it blends in visually with your environment, from lobbies to retail operations.



Easy to Install. Easy to Use. Easy to Share.

Easy and intuitive, Sensepoint XCL can be installed in just minutes. Commissioning and maintenance are straightforward, and you can generate and share your reports directly from your smartphone. So you can save time, reduce cost, and maybe even make your job a little more enjoyable.



Focus on Your Business – We'll Do the Rest.

Manage the Gas Detector from the Palm of your Hand

Thanks to Honeywell's use of Bluetooth technology, you can commission and maintain your Sensepoint XCL with ease. Just download the Honeywell Sensepoint App, register the detector with your smartphone and perform any task wirelessly – from adjusting set points to checking fault codes.



Fast Setup and Easy Calibration

Everything you need is in the box, organized for a quick, convenient startup. Use the simple drilling template and a standard toolkit for installation. Moreover, for calibration all it takes is our calibration app on your smartphone and a cylinder of calibration gas –no need for walkie-talkie communication with the control room. Create a profile for the detector, choose alarm set points, run test procedures, automatically generate a report, share data from your phone with other stakeholders, and store for easy access for auditing purposes.

Hassle-Free Maintenance

Sensepoint XCL smartphone-based experience significantly reduces the time you spend on gas detector maintenance. Need to replace a sensor? Simply remove one screw on the cover plate, and our app guides you on the rest. Getting a fault code? There is no need to find the manual to decipher it. Our application puts diagnostic information at your fingertips.

Reports on the Spot

Do you spend up to a whole day a week manually generating test certificates and distributing reports about gas detectors? Save valuable time with easy reporting on the smartphone app. Whether you need a maintenance report or safety audit for the detector, just select the correct report on the app and store it for easy recall.



Gas Detector for a Digital World

Smart Technology

Our smartphone app delivers the same benefits you expect from any interactive application. We continually work towards adding new application features to further improve your experience. And as with any smartphone apps, we can always make sure that you are automatically kept

up-to-date with the latest improvements and enhancements. We are taking smartphone apps to gas detectors throughout the Honeywell portfolio so you can get more done in less time while improving safety and compliance.



A Winning Combination



TOUCHPOINT PLUS



301C CONTROLLER

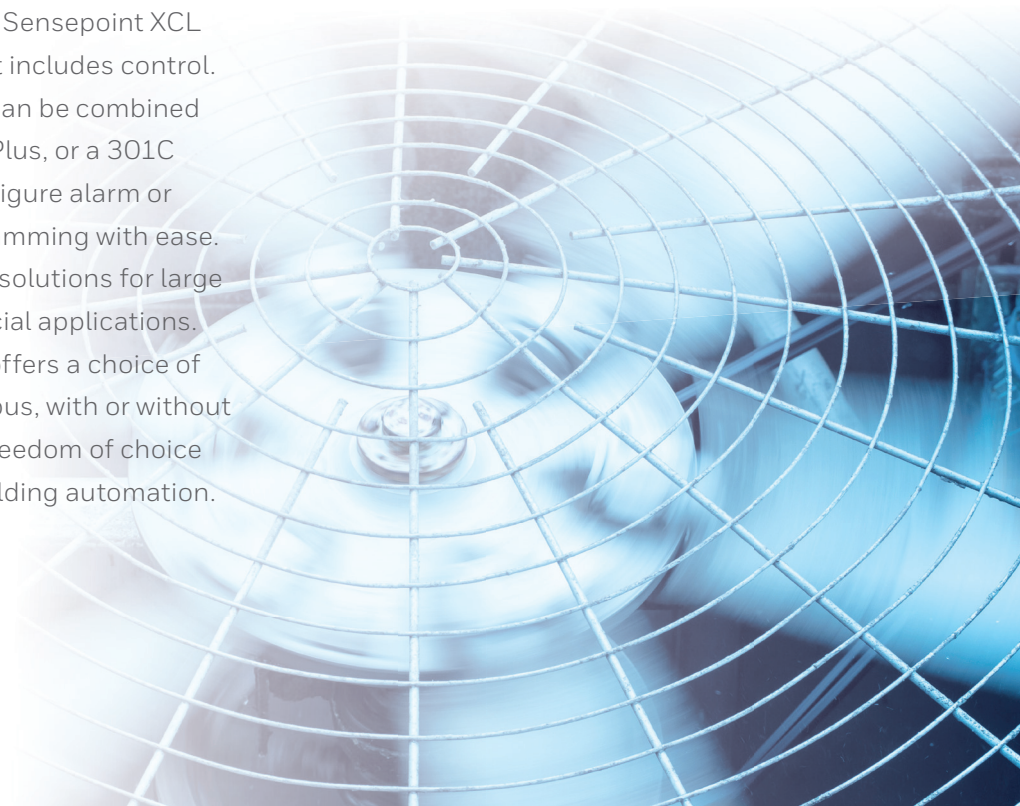
Sensepoint XCL detectors integrate seamlessly with Honeywell controllers or your building automation system.



User-Friendly Control

For a user-friendly detector

Everything about Sensepoint XCL is easy – and that includes control. Sensepoint XCL can be combined with Touchpoint Plus, or a 301C Controller to configure alarm or ventilation programming with ease. Honeywell offers solutions for large or small commercial applications. Sensepoint XCL offers a choice of 4~20 mA or Modbus, with or without relays, allowing freedom of choice for integrated building automation.



Want to retrofit or expand your
current systems?

Want to complement your
decor aesthetically?

Want to perform several
gas detector tasks
from a smartphone?

Want to save time and
cut costs?

Sensepoint XCL is the answer for cost-effective commercial gas detection. You do not need to be a technical specialist to own a Sensepoint XCL. It is an efficient solution for parking garages and condominium buildings. It is useful for architects, engineers, installers or distributors and electrical contractors who want solutions that are easy to install, commission, and sustain. Sensepoint XCL is the perfect entry-level solution for anyone who needs to enhance workplace protection.

Find out more:

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