

Honeywell Analytics Sensepoint/Touchpoint Plus Fixed Gas Detector Systems

- Choose from two- and four-channel controllers
- Detectors available for chlorine, ammonia, sulphur dioxide, hydrogen sulfide and combustible gases (LEL)

The Honeywell Analytics Touchpoint Plus gas detector system is an easy-to-configure, wall-mounted control system. Intuitive user interface and modular approach let you control and configure settings for a wide range of applications. Use it with your choice of several Sensepoint gas detectors to monitor hazardous gases in critical locations. If you need to integrate your gas detection with a higher-level management system, the Modbus output option makes this straightforward.



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For a complete Gas Detection System:

1. Touchpoint Plus Controller (2- or 4-channel)
2. Sensepoint and/or Sensepoint XCD gas detectors (see facing page)
3. Sensor Wire
4. Calibration Adapter
5. Calibration Gases
6. Regulator
7. Calibration Tubing

Note: All supplies sold separately. Sensor wire is sold by the foot. The length is determined by the mounting distance between the gas detector unit and the controller.

Touchpoint Plus Controllers

The user-friendly Touchpoint Plus controller offers intuitive touchscreen menus that let you quickly configure, operate and maintain the gas detection system. Real-time data is presented in an easy-to-navigate menu, while historical data can be downloaded to monitor developing threats. Add an optional Stach visual/audible alarm for even greater visibility of alarm conditions (sold separately below).

The Touchpoint Plus features full-color traffic-light style status indicators that let operators instantly see system status from a distance and easily make time-critical decisions. Cal mode offers push-button zero/span calibration, and Authorization mode lets you lock critical configuration settings. Multilingual interface simplifies operation for any user.

The Touchpoint Plus is available as a basic two-channel controller, or as an advanced two- or four-channel controller. Advanced controllers have Modbus output to integrate to your computers or SCADA system, and a backup battery in case of power failures. The unit's NEMA 4X polycarbonate enclosure is UL/CSA approved for Class I, Division 2, Group A, B, C and D or non-hazardous only. All cable entries are made at the bottom of the box in the predefined knockouts.

Honeywell Touchpoint Plus Controllers

DESCRIPTION	MODBUS	STOCK #	EACH
Basic 2-Channel System	No	49049	\$
Advanced 2-Channel System	Yes	330817	
Advanced 4-Channel System	Yes	330818	
Stach Red Light with Audible Alarm	—	49050	
Sensor Wire (Sold per Foot)	—	42739	/ft

Calibration Supplies

DESCRIPTION	STOCK #	EACH
Calibration Adapter for Sensepoint Sensors	71452	\$
Calibration Adapter for Sensepoint XCD Sensors	330819	
Zero Air Calibration Gas, 105 L	97016	
Chlorine Calibration Gas, 58 L, 2 ppm	97011	
Chlorine Calibration Gas, 58 L, 10 ppm	97013	
Ammonia (NH ₃) Calibration Gas, 58 L, 25 ppm	55835	
Sulphur Dioxide Calibration Gas, 58 L, 5 ppm	55833	
Sulphur Dioxide Calibration Gas, 58 L, 10 ppm	55834	
Methane Calibration Gas, 105 L, 50% LEL	97017	
Hydrogen Sulfide Calibration Gas, 58 L, 25 ppm	55829	
Regulator, 0.3 LPM	71673	
SS Regulator, 0.3 LPM	330632*	
3'L Teflon Calibration Tubing	71640	

* Use with Chlorine, Ammonia and Hydrogen Sulfide calibration gases.



Basic 2-Channel Controller 49049

Audible alarms:	≥ 70 dB @ 1m
Visual alarms:	3 LEDs for master indicators. LED for each channel; Green: Normal; Yellow: Fault; Inhibit; Red: Alarm
Controller output relays:	12 relay outputs, NO/C/NC changeover; 1.7A @ 30VDC/250VAC; user configurable-energised/de-energised, latching/non latching, time delay
Display:	7" color LCD touchscreen, graphic user interface
Power	
Controller:	110/220 VAC, 50-60 Hz manual switching
Sensepoint detector:	10-28 VDC, 2-wire loop power
Sensepoint XCD detector:	12-32 VDC (24 VDC Nominal)
Enclosures:	NEMA 4X
Hazardous location:	Class I, Division 2, Group A, B, C and D or non-hazardous only
Operating conditions	
Controller:	14 to 131°F continuous, up to 95% RH (non-condensing)
Sensepoint detector:	14 to 131°F up to 95% RH (non-condensing)
Sensepoint XCD detector:	-40 to 149°F
Dimensions	
Controller:	16.8"W x 11.8"H x 6.1"D
Sensepoint detector:	6.1"W x 8"H x 3"D
Sensepoint XCD detector:	6.5"W x 8.9"H x 3.9"D

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Select a controller and the detectors you need to customize your system

Sensepoint and Sensepoint XCD Gas Detectors

Sensepoint detectors are easy to use—they are supplied preset from the factory, and there are no user-serviceable parts. All detector adjustments are made at the Touchpoint Plus controller. At the end of the sensor’s operating life, simply unscrew the sensor and replace it with a new one before reconfiguring the controller.

Detectors feature two programmable alarm relays, one programmable fault relay, an industry-standard 4-20 mA output (sink or source selectable) and Modbus. Installation is simple using the prewired junction box, conduit or armored cable, and glands. Threaded M20, 3/4 and 1/2" NPT clearance entries are included on each box, so you can select the most convenient entry to use.

Choose from Sensepoint and Sensepoint XCD detectors. Sensepoint detectors are available for chlorine, sulphur dioxide and ammonia. Use Sensepoint XCD detectors to monitor areas where flammable or toxic gases and oxygen deficiency may pose a hazard to working environments. They offer a tri-color backlit display to show system status at a glance. Sensepoint XCD detectors are available for combustibles (LEL) and hydrogen sulfide (H₂S).



Sensepoint Gas Detector 71450



Sensepoint XCD Gas Detector 330825

Sensepoint Gas Detectors

DESCRIPTION	MEASURING RANGE	STOCK #	EACH	REPL. SENSORS	
				STOCK #	EACH
Chlorine Detector (Cl ₂)	0 to 5 ppm	71450	\$	49051	\$
Chlorine Detector (Cl ₂)	0 to 15 ppm	330820		49052	
Ammonia Detector (NH ₃)	0 to 50 ppm	330821		330822	
Sulphur Dioxide Detector (SO ₂)	0 to 15 ppm	330823		330824	

Sensepoint XCD Gas Detectors

DESCRIPTION	MEASURING RANGE	STOCK #	EACH	REPL. SENSORS	
				STOCK #	EACH
LEL Detector	20 to 100%	330825	\$	330826	\$
Hydrogen Sulfide Detector (H ₂ S)	10 to 100 ppm	330827		330828	

We also RECOMMEND...

USABlueBook Safety Glasses

- Lightweight and scratch-resistant
- 99.9% UV protection
- Meet ANSI Z87.1+ standards



USABlueBook safety glasses offer the perfect combination of fit, comfort, style and protection. They feature impact-resistant polycarbonate lenses with a scratch-resistant coating. Our partial wraparound and frameless glasses provide flexible temples with rubber temple pads for a comfortable, non-slip fit. The partial frame features a lanyard to keep safety glasses handy when not in use.

Stylish full-frame glasses feature wide temples that provide extra side coverage and protection. Includes rope-style lanyard and storage bag.

LENS COLOR	FRAMELESS		PARTIAL FRAME		FULL FRAME	
	STOCK #	EACH	STOCK #	EACH	STOCK #	EACH
Clear	330244	\$	330246	\$	330248	\$
Smoke	330245		330247		330249	



See pages 1463-1471 for our full selection of safety glasses.