

## THE MOST AFFORDABLE FIXED GAS DETECTOR.

The Sensepoint range of flammable, toxic and oxygen gas detectors offers users an affordable solution to their gas monitoring requirements, indoors and outdoors and even in potentially explosive atmospheres.

It is easy to access the terminals of Sensepoint flammable and toxic gas detectors via the hinged lid of the junction box.

Supplied with an earth continuity plate for increased RFI protection, the junction box has a choice of ½ inch NPT, ¾ inch NPT and M20 thread connections via conduit or steel armoured cable and Ex e certified cable glands.



## GAS DETECTION

Gas	Measuring Range	Operating Temperature
▶ Combustible	0-100% LEL Methane	-40 to +176°F -40 to +80°C
▶ Ammonia	0-50 ppm 0-1,000 ppm	-4 to +104°F -20 to +40°C
▶ Carbon monoxide	0-200 ppm 0-500 ppm	-4 to +122°F -20 to +50°C
▶ Chlorine	0-5 ppm 0-15 ppm	-4 to +122°F -20 to +50°C
▶ Hydrogen	0-1,000 ppm 0-10,000 ppm	-4 to +122°F -20 to +50°C
▶ Hydrogen sulfide	0-50 ppm 0-20 ppm 0-100 ppm	-4 to +104°F -20 to +40°C
▶ Nitrogen dioxide	0-10 ppm	-4 to +104°F -20 to +40°C
▶ Sulfur dioxide	0-15 ppm 0-50 ppm	-4 to +104°F -20 to +40°C
▶ Oxygen	25% VOL	-4 to +104°F -20 to +40°C

Sensepoint flammable and toxic gas detectors have multiple cable entry sizes as standard and allow for quick and easy installation via the hinged lid of the junction box.

The junction box can be mounted onto any flat surface. It can support the weight of the unit so that when installed, the sensor is in a downward position. An additional bracket is available for ceiling mounting.

Cables can be connected to the junction boxes via a cable gland or conduit through one or more positions in the top or side of the unit.



### SENSEPOINT HT

The Sensepoint HT combustibile gas detector can detect flammable gases. When connected to an Ex e or Ex d high-temperature junction box, it is certified for use in areas reaching up to +150°C.

## TECHNICAL DATA

▶ <b>Size</b>	3.94 x 7.95 x 3.01 in. / 15.6 x 20.2 x 7.65 cm
▶ <b>Protection Class</b>	IP65 (standard), IP67 (with weather protection fitted)
▶ <b>Signal Output</b>	Flammable (0-100% LEL): mV bridge Toxic /Oxygen: Loop powered 4-20mA
▶ <b>Humidity</b>	Continuous: 20 to 90% RH (non-condensing)
▶ <b>Power supply</b>	Flammable: 200mA; 0.7W maximum Toxic /Oxygen: 18 to 30VDC; 0.9W maximum
▶ <b>Electrical</b>	Flammable: 3-wire mV bridge 2.9-3.5 Vdc Toxic /Oxygen: 2-wire loop powered 4-20 mA (plus screen)
▶ <b>Power consumption</b>	Flammable: 0.7 W (max.), constant current operation at 200 mA Toxic /Oxygen: 0.9 W
▶ <b>Cable entries</b>	1 x M20, 1 x ½ in. NPT, 1 x ¾ in. NPT

## ACCESSOIRES



### Collecting cone

for use with flammable detectors



### Weatherproof cap

for use with combustibile detector including remote gassing nozzle



### Weatherproof cap

for use with toxic detector, including remote gassing nozzle