

▶ SensePoint XRL

ATEX gas detector with display and analog or Modbus output



Technical specifications

Detection principle:

- Combustible: poison resistant catalytic sensor 0-100 % LEL (methane, butane, propane GPL, GNV or H2)
- Toxic gases (CO, H2S, NO2, O2) : electrochemical sensor

Power supply: 24 Vcc

Output:

- Analog: 0 – 22 mA
- Digital: Modbus RTU (option)

Visual indicator: Multi-color LED light ring

- Flashing green: normal
- Flashing red: alarm
- Flashing green and yellow: warning
- Flashing yellow: fault
- Solid yellow: inhibited
- Flashing blue: Bluetooth pairing in progress
- Solid blue: established Bluetooth connection

Wireless interface: Bluetooth 4.0 (Bluetooth Low Energy). Dedicated mobile app enabling wireless

Radio: RED, FCC, IC

Casing material: Aluminium alloy LM20 (charcoal or yellow)

Dimensions: 118 x 159 x 93 mm

Weight: 1.4 kg

Ingress protection rating: IP 66, NEMA 4X

Operating temperature: -40°C to 65°C

Humidity: 0 to 99% HR (non-condensing)

ATEX certification:

- ATEX Ex db IIC T6 Gb
- ATEX Ex tb IIIC T85°C Db

EMC Certification: EN 50270 :2015

Product description

The **Sensepoint XRL** is an ATEX fixed point gas leak detector that is designed to meet the needs of industrial applications. With Bluetooth technology, it is available with analog or Modbus RTU output and can easily be incorporated into legacy systems as well as new installations. With high ingress protection (IP66) and resistant to tough environments casing material, the **Sensepoint XRL** is waterproof and water jet proof.

▶ Bluetooth user interface

A dedicated mobile app is available on smartphone or touchpad (Bluetooth) for different tasks like installation, commissioning and maintenance. Use the mobile app to :

- Read real-time gas concentrations
- Configure the detector
- Check unit history
- Generate calibration reports

The calibration can be done by one person without having to open the detector (non-intrusive action in ATEX zone).

▶ Visual indicator

Clean aesthetics and a choice of colors mean that the detector appearance can be selected to compare or contrast with the environment in which it is being used. Multi-color visual indicators allow to quickly see the **Sensepoint XRL** status, to know if it is on alarm or normal operation mode.

▶ Applications

- Manufacturing facilities and factories
- Water treatment plants
- Battery charging facilities
- Vehicle test facilities
- Petrochemical plants
- Fuelling depots

Codification

Gas	Range	4-20 mA	Modbus
Combustible gas	0-100% LEL	SPLIF6BAXCMAZZ	SPLIF6BMXCMAZZ
Carbon monoxide	0-1000 ppm	SPLIC1BAXCMAZZ	SPLIC1BMXCMAZZ
Hydrogen	0-1000 ppm	SPLIG1BAXCMAZZ	SPLIG1BMXCMAZZ
Hydrogen sulfide	0-50 ppm	SPLIH1BAXCMAZZ	SPLIH1BMXCMAZZ
	0-200 ppm	SPLIH2BAXCMAZZ	SPLIH2BMXCMAZZ
Nitric dioxide	0-20 ppm	SPLIN1BAXCMAZZ	SPLIN1BMXCMAZZ
Oxygen	0-25%/vol.	SPLIO1BAXCMAZZ	SPLIO1BMXCMAZZ