OMNIPOINT™
TOTAL SITE SAFETY

Honeywell

NEXT GENERATION
GAS DETECTION

The OmniPoint™ transmitter is a comprehensive gas detection solution designed to operate in hazardous locations and support multiple sensors in the detection of toxic, oxygen, and flammable gas hazards.

OmniPoint™ utilizes multiple sensor technologies to meet diverse gas detection challenges in a variety of global industries. Full color, touch key interface and Bluetooth® enabled operation make setup and maintenance intuitive.

Support for up to three sensors makes OmniPoint™ both flexible and scalable to meet your safety requirements.

AT A GLANCE STATUS

Touch key user interface
- Easy to operate and maintain
- Intuitive configuration and reduced set up time
- No magnet is required

Multi sensor operation
- Monitor up to three sensors from the same flexible transmitter
- Universal electronics module Accepts different sensor inputs and simplifies ordering and stocking process

Bluetooth connectivity
- Optional BLE App for configuration and maintenance

Plain text on the full colored display
- Information is presented in an easy to read and understand format with call-to action instructions
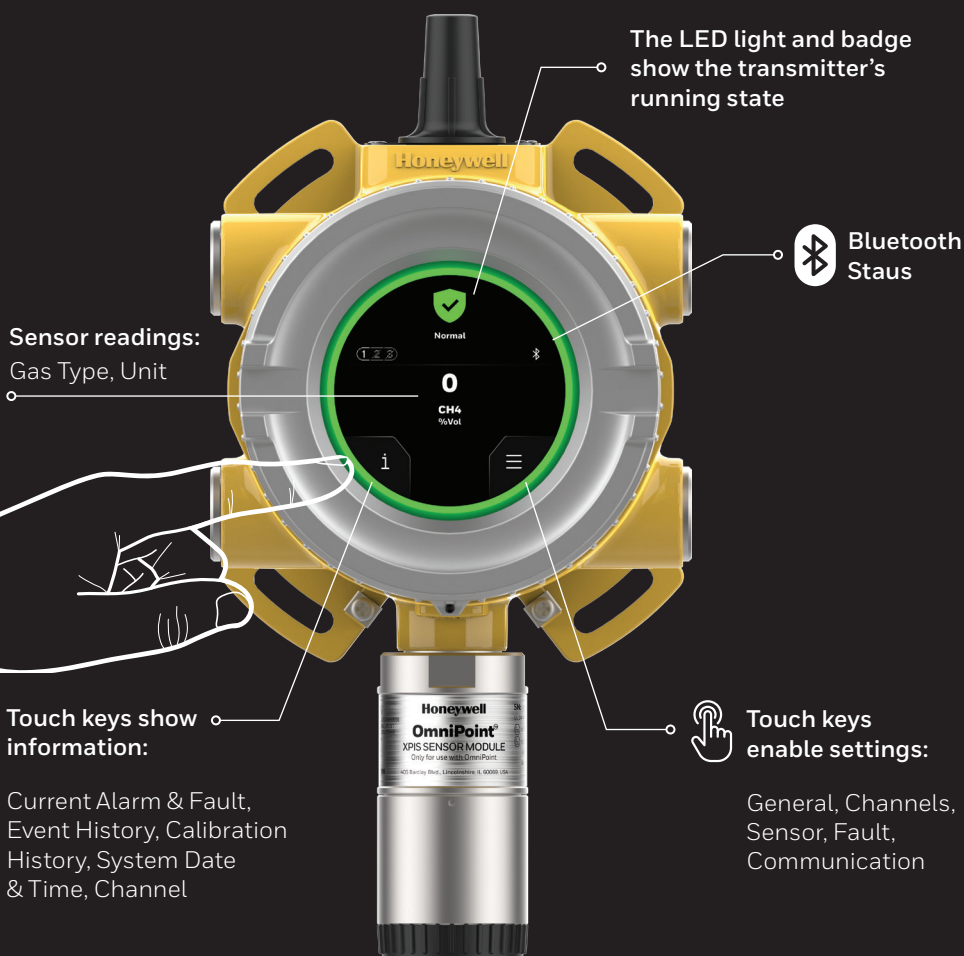- No need to refer to the manual

Typical applications include:
- Power generation
- Hydrogen storage
- Oil and gas refineries
- Chemical and petrochemical plants
- Onshore oil and gas terminals
- Gas transmission (LNG)
- Utilities and wastewater

Global approvals:
- European, US and Canadian
- Compliant with and certified to ATEX, UL and CSA standards
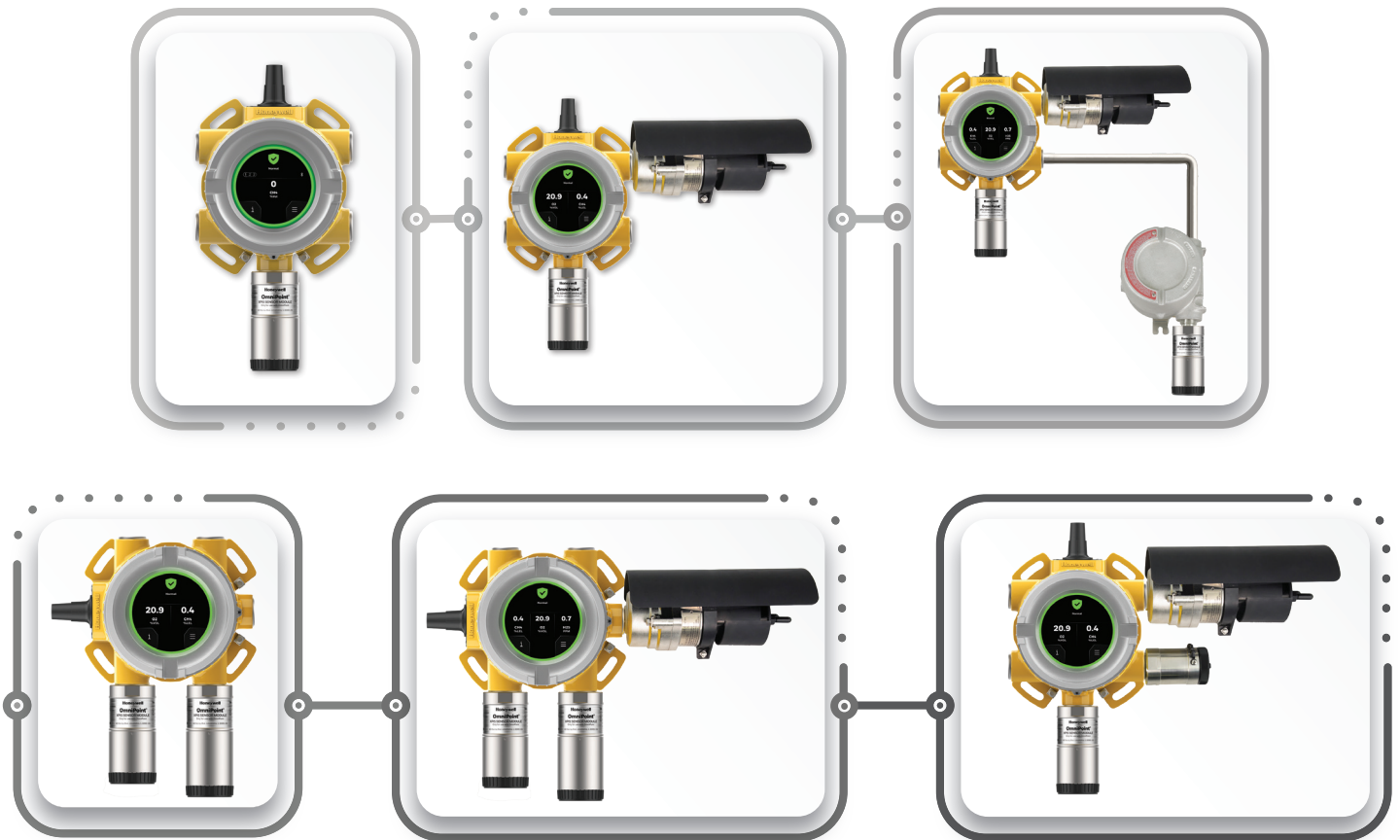- ATEX, UL and CSA performance approval*

*Ask HON representative for availability

The LED light and badge show the transmitter's running state

Bluetooth Staus

Sensor readings:
Gas Type, Unit

Touch keys show information:

Current Alarm & Fault, Event History, Calibration History, System Date & Time, Channel

Touch keys enable settings:

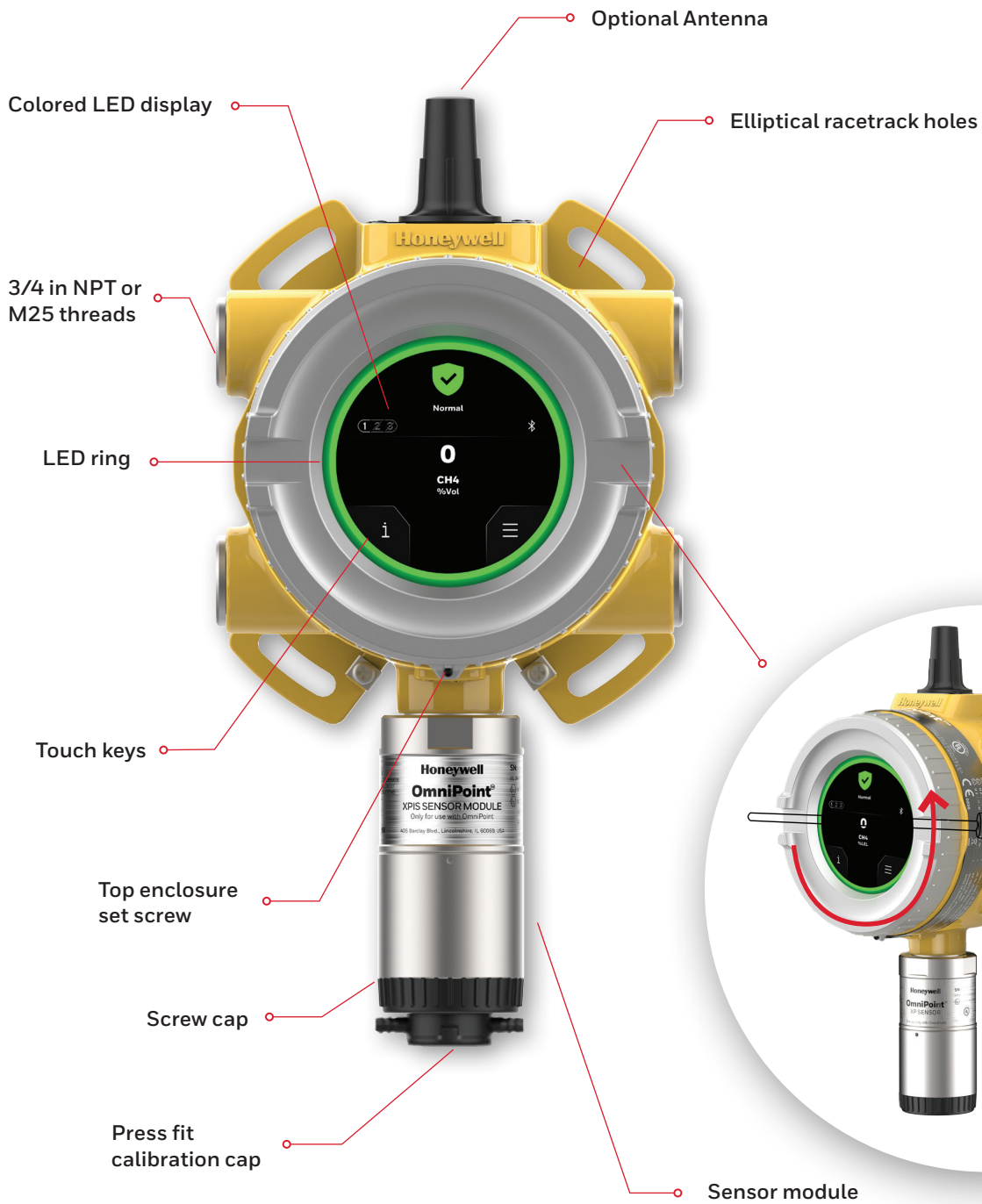General, Channels, Sensor, Fault, Communication

MULTIPLE SENSOR OPERATION REDUCES INSTALLATION COST AND MAXIMIZES FLEXIBILITY

The OmniPoint™ transmitter provides maximum flexibility through multiple sensor and configuration options. OmniPoint™ is designed to detect oxygen, toxic, and combustible gases, supporting two sensor modules and one IR detector. A truly universal transmitter, OmniPoint™ works with all Honeywell sensor technologies and provides a safety platform that is simple to operate and maintain.

OMNIPOINT™ CONFIGURATIONS

Optional Antenna

Colored LED display

Elliptical racetrack holes

3/4 in NPT or
M25 threads

LED ring

Normal

0
CH4
%Vol

Touch keys

Top enclosure
set screw

Honeywell
OmniPoint®
XPIS SENSOR MODULE
Only for use with OmniPoint.
405 Barclay Blvd., Lincolnshire, IL 60069, USA

Screw cap

Press fit
calibration cap

Sensor module

TAKE CONTROL
OF YOUR SYSTEM

At a glance view of your system's status for time critical decisions

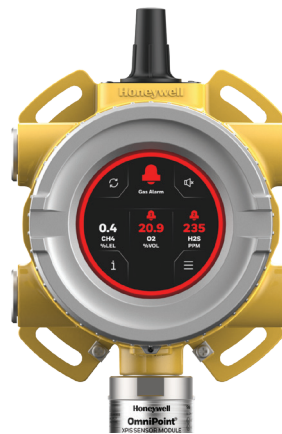### ELEGANT – VISIBLE – COLORFUL - INFORMATIVE

The OmniPoint™ transmitter provides a full color display and light ring indicators for clear status at a glance. Each sensor reading and notification is provided in plain text for faster decision making and key information at your fingertips.
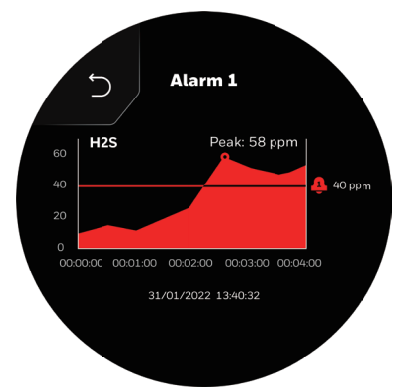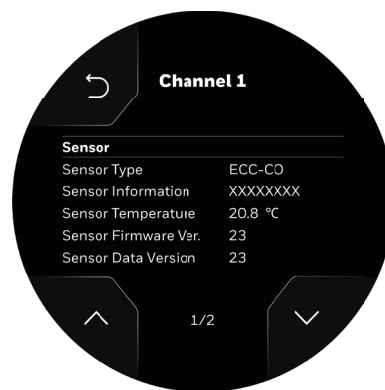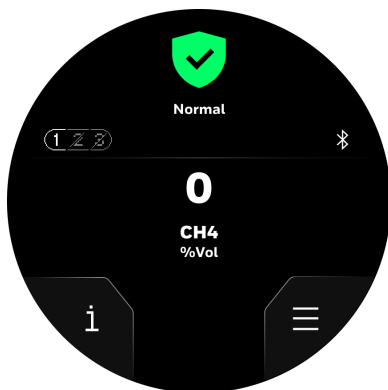
| Green – Normal status | Yellow – Fault status | Red – Alarm status | Blue – Bluetooth pairing |

INTUITIVE TOUCHSCREEN

- Easily see each sensor's status including real time gas readings – feel confident in your system.

- Easy to navigate menus get you to the data faster – don't rely on small buttons – touch the screen.

- Drill down into each channel to see sensor information and event history data.

OMNIPOINT™
TRANSMITTER

Inputs

Outputs

IR Point (Optima)

XP (Cat Bead, IR Sensor)

XPIS (ECC)

HART

Modbus

4-20mA

Relays

Normal

0
CH4
%Vol

Honeywell
OmniPoint®
XPIS SENSOR MODULE
Only for use with OmniPoint

405 Barclay Blvd., Lincolnshire, IL 60069 USA

SIMPLIFIED INSTALLATION
REDUCES DOWNTIME AND MAINTENANCE COSTS

WALL MOUNTED
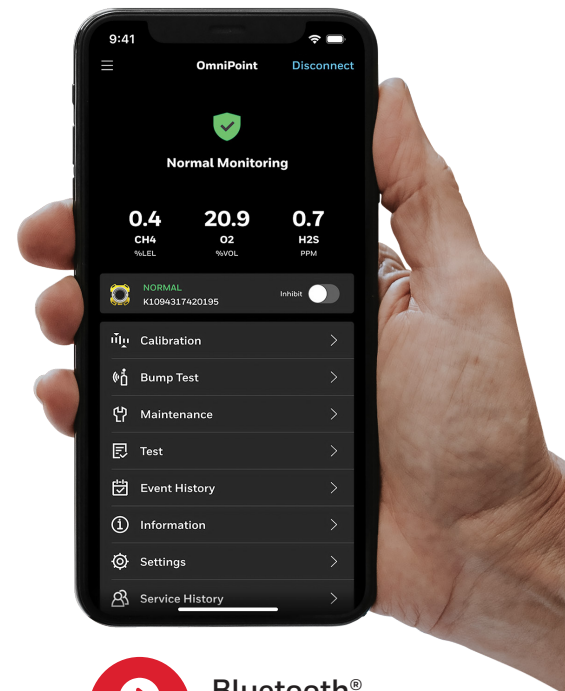
PIPE MOUNTED – VERTICAL

PIPE MOUNTED – HORIZONTAL

EASE OF INSTALLATION WITH FLEXIBLE MOUNTING OPTIONS

• The robust OmniPoint™ transmitter is designed for use in tough environments – 55°C to 75°C and it is available in aluminum and stainless-steel versions.

• Integral 4-point mounting allows more flexible installation options.

EASIER SETUP AND MAINTENANCE WITH OPTIONAL BLUETOOTH® CONNECTIVITY

• The OmniPoint™ features Bluetooth® connectivity allowing it to be paired with a hazardous area mobile device running the OmniPoint App for simplified, non-intrusive set-up and maintenance.

• This not only simplifies detector installation, commissioning and maintenance, but is also cost-effective reducing time in asset management.

• When paired with a mobile device, OmniPoint™ works from ground level, enabling easy set-up, maintenance and testing. Automatic reporting simplifies end–of–day maintenance logging.

• Advanced diagnostics deliver power, temperature, sensor, electronics, and firmware monitoring.

Bluetooth® connectivity

AVAILABLE GASES
AND SENSOR MEASURING RANGES

AVAILABLE GASES AND SELECTABLE SENSOR MEASURING RANGES

GASES	FORMULA	SELECTABLE SENSOR MEASURING RANGES	SENSOR TYPE
Flammable	Various	0–100 % LEL (100 % LEL default)	Catalytic Bead
Methane	CH_4	0–100 % LEL (100 % LEL default)	IR Sensor
Propane	C_3H_8	0–100 % LEL (100 % LEL default)	IR Sensor
Hydrogen Sulphide L	H_2S	0–50 ppm (15 ppm default)	Electrochemical
Hydrogen Sulphide H	H_2S	0–500 ppm (100 ppm default)	Electrochemical
Oxygen	O_2	0–25 % V/V (fixed)	Electrochemical
Ammonia L	NH_3	0–200 ppm (200 ppm default)	Electrochemical
Ammonia H	NH_3	0–1000 ppm (1000 ppm default)	Electrochemical
Sulphur Dioxide	SO_2	0–20 ppm (15 ppm default)	Electrochemical
Carbon Monoxide	CO	0–500 ppm (300 ppm default)	Electrochemical
Chlorine	CL_2	0–5 ppm (fixed)	Electrochemical

Note: For complete details refer to specification sheet.

SENSOR MODULE

The OmniPoint™ Sensor Module can be installed with the transmitter or fitted to a junction box and mounted remotely up to 300 m away. Choose a sensor specifically calibrated to detect a variety of toxic and flammable gases. Each sensor is pre-calibrated and simply plugs into the sensor module.

The intrinsically safe design of the XPIS sensor allows electrochemical sensors to be changed in both safe and hazardous areas without cycling power. The sensor is easily replaced without the need to replace the entire Sensor Module which is an advantage in total cost of ownership through the service life of transmitter.

PROTECTING YOUR WORKERS AND YOUR ENTERPRISE

Honeywell offers multiple detection methods for a layered safety approach to meet the requirements of difficult applications and hazardous environments. Contact us today to learn more.

DURABLE
Designed for use in tough temperatures -55°C to 75°C

COLORFUL
Full color LED display and different lighting

SIMPLE
Touch key operation and plain text on display

FLEXIBLE
Bluetooth, Modbus, and HART enabled

THE FUTURE IS WHAT WE MAKE IT

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