



**A universal transmitter for toxic,  
oxygen and combustible gas  
detection compatible with all  
Honeywell gas sensing technologies**

# XNX Universal Transmitter



## High performance

- Flammable gas detection 0 to 100% LFL/LEL
- Point IR with heated optics provides immunity to poisoning and no hidden faults
- Open-path IR flammable gas detection in LEL-m measurement
- Electrochemical cell offers toxic gas detection in ppm
- IR cell provides CO<sub>2</sub> and combustible gas monitoring
- Robust and reliable operation in explosive areas and harsh environments

## Flexible Operation

- 3 versions - supports (Catalytic Bead and IR Cell), Electrochemical Cell and IR (point and open-path) gas detection
- Multi-Purpose Detector (MPD) with field serviceable mV, Catalytic bead and IR Cell capability
- 4-20mA with HART® as standard
- HART Enhanced Device Description Language (EDDL) software\*
- Multiple communications options include up to 3 relays, MODBUS® and FOUNDATION® H1 Fieldbus
- Optional local IS port for handheld HART configurator

## Easy to Use

- Large, backlit, easy-to-view LCD display offers multi-sensory indicators (visual icons, colored buttons, text, etc.) to display gas and sensor readings
- User interface supported by 8 selectable languages (English, Spanish, German, Italian, Portuguese, French, Russian, Chinese)
- Self-test and fault indication features
- Non-intrusive, one-man operation
- Quick calibration with auto-inhibit

## Easy to Install

- 3 or 4 wire operation, source, sink or isolated
- Simple plug-in sensors and replaceable cells
- NEMA 4X IP66 rated for rugged indoor/outdoor use
- Five conduit entries for ease of installation

## Cost Effective

- Minimal training required
- One-man operation
- Plug-in sensor replacement
- All necessary accessories included

**The XNX Universal Transmitter, now with HART EDDL, marks a new turn in gas detection from Honeywell Analytics. It supports the widest range of sensors on a common platform and offers a modular choice of inputs and outputs.**

XNX is designed for flexible integration, simple installation, user-friendly operation and straight-forward maintenance. It is ideal for use with a range of gas monitoring controllers or industry standard PLCs. The introduction of our HART Enhanced Device Descriptor Language (EDDL) software provides users with an at-a-glance indication of the health of their gas detectors in the field.

## Bringing together the best solutions in gas detection

### Electrochemical

- Proven electrochemical sensing technology
- Surecell™ electrochemical cells are ideal for hot and humid environments
- Long life sensing cells (typical >2 years)
- Patented 'Reflex' sensing element verification diagnostics
- Sensor recognition software auto configures transmitter
- Plug and play factory configured sensors
- Intrinsically safe sensor connection permits hot swap, reducing down time

### Catalytic Bead

- Supports Honeywell Analytics 705, 705HT, Sensepoint, Sensepoint HT and MPD sensors
- Fast response to wide range of hydrocarbons and flammables

### Infrared (Open Path IR, Point IR, IR Cell)

- Supports Honeywell Analytics Searchline Excel, Searchpoint Optima Plus
- Failsafe operation
- Fast speed of response
- Reduced routine maintenance
- Immune to catalytic poisons
- Long operating life
- Works in inert atmospheres



# Universal Gas Sensing and Communications Platform



**The XNX's powerful advanced communications module – including our new HART EDDL software – adds increased efficiency, functionality and flexibility to a gas detection network.**

XNX offers a variety of communication options to suit your industrial operation's unique and changing needs. HART communication comes standard on the XNX — with optional EDDL — along with optional

Modbus, Foundation Fieldbus or relays. It can interface with a PLC and a host of other protocol compatible devices found in industrial applications.

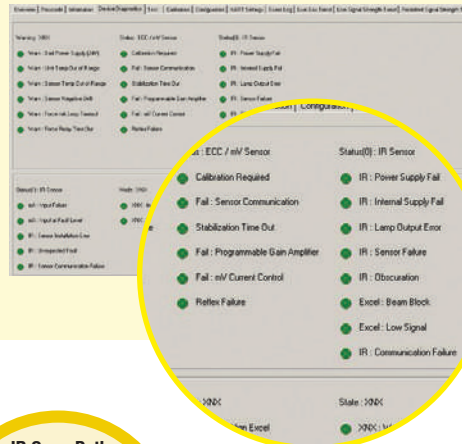
Unique to the XNX and Honeywell Analytics is our new HART EDDL software, which allows you to manage all of your HART devices' advanced diagnostic data right from your PLC.

With the XNX, you are freed from the need to add extra controllers, junction boxes, relays, monitors and other equipment accessories. The integration of our EDDL software also enables the XNX to work with a number of third-party distributed control systems (DCS).

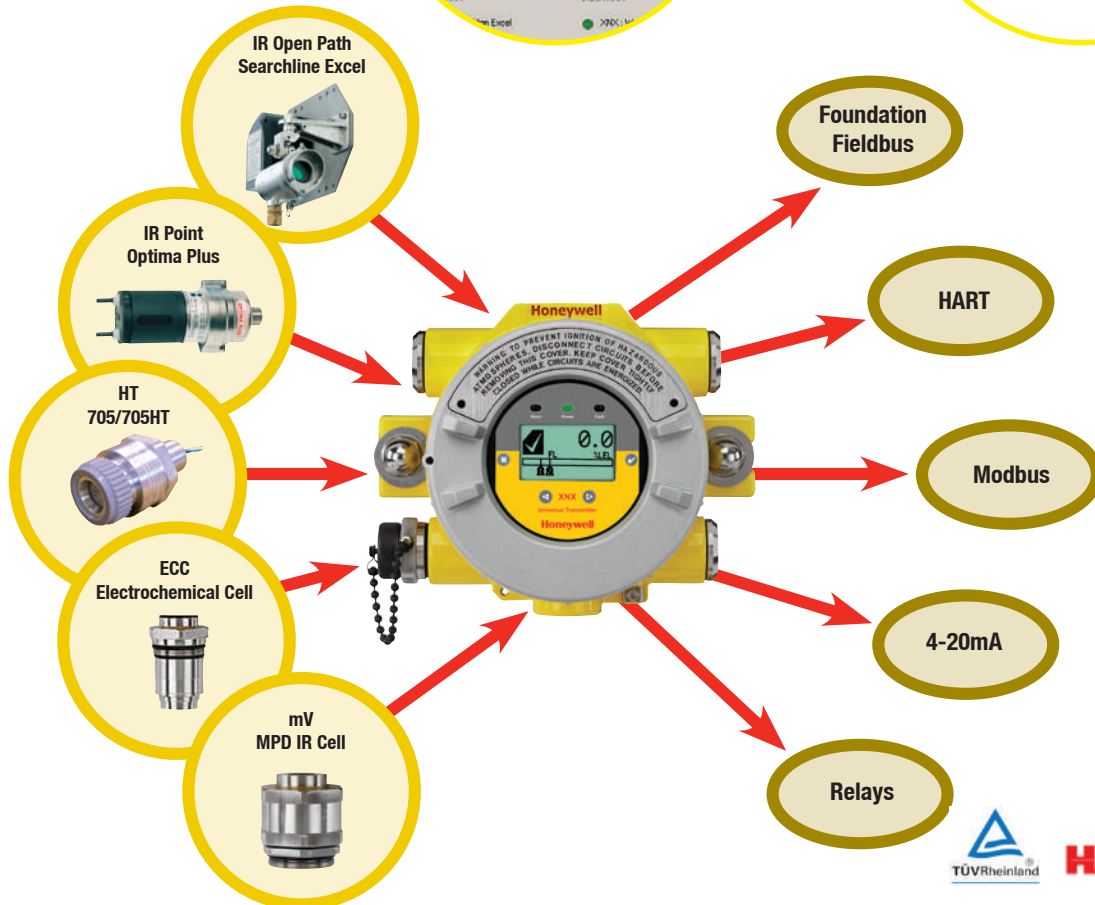
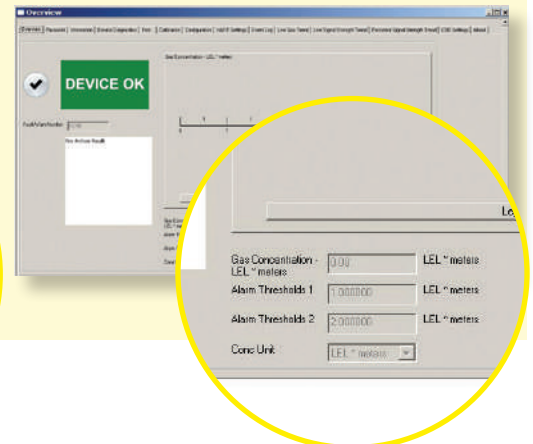
## EDDL Software

Honeywell Analytics' EDDL software allows you to get real-time advanced diagnostics without having to custom-program your PLC/DCS. It allows you to manage your gas detection data from your PLC/DCS and generates a visual depiction of the XNX's advanced diagnostics, including protective maintenance, live gas trending, event history and more.

Review your HART device's advanced diagnostic data at any time.



With EDDL, you can check the real-time status of your HART device.



# Honeywell Analytics Lines of Business



## Commercial

Gas detection from standalone units to fully engineered, multi-point systems, all offering cost-effective regulatory compliance

- » Applications: parking structures, chillers, mechanical rooms, office towers, commercial buildings, shopping centers, swimming pools, golf courses, schools and universities, laboratories

## Industrial

Renowned Sieger and Manning gas detection systems with advanced electrochemical, infrared and open path sensing technologies

- » Applications: oil and gas, cold storage, water/wastewater treatment, chemicals, engine rooms, plastics and fibers, agriculture, printing and light industrial

## Portables

Single or multi-gas Lumidor and other premium detectors with compact, lightweight designs ranging from simple alarm only units to advanced, fully configurable and serviceable instruments

- » Applications: underground utility and electricity ducts, boiler rooms, post-fire sites, sewers, industrial plants, industrial hygiene, first responder teams, remote fleets



## Find out more

[www.honeywellanalytics.com](http://www.honeywellanalytics.com)

## Contact Honeywell Analytics:

### Americas

Honeywell Analytics, Inc.  
405 Barclay Blvd.  
Lincolnshire, IL 60069  
USA

Tel: 847.955.8200  
Toll-free: 800.538.0363  
Fax: 847.955.8210  
[detectgas@honeywell.com](mailto:detectgas@honeywell.com)

### Technical Services

[ha.service@honeywell.com](mailto:ha.service@honeywell.com)

[www.honeywell.com](http://www.honeywell.com)

## High Tech/Government

A complete portfolio of gas and chemical detection instrumentation including infrared spectroscopy (MST) with no cross interference, to Chemcassette paper-based solutions (MDA Scientific) offering detection down to parts per billion

- » Applications: semiconductor manufacturing and nanotechnology, aerospace propulsion and safety, specialty chemicals industry, research laboratories, emergency response

### Europe, Middle East, Africa

Life Safety Distribution AG  
Weiherallee 11a  
CH-8610 Uster  
Switzerland  
Tel: +41 (0)44.943.4300  
Fax: +41 (0)44.943.4398  
[gasdetection@honeywell.com](mailto:gasdetection@honeywell.com)

## Technical Services

24/7 global network includes post-sales service and Systems Integration teams

- » Emergency call out, service contracts, on/off-site repair, training and commissioning
- » Complete range of spares, consumables and accessories

### Asia Pacific

Honeywell Analytics, Asia Pacific  
#508, Kolon Science Valley (1)  
187-10 Guro-Dong, Guro-Gu  
Seoul, 152-050  
Korea  
Tel: +82 (0)2.2025.0307  
Fax: +82 (0)2.2025.0329  
[analytics.ap@honeywell.com](mailto:analytics.ap@honeywell.com)

#### Please Note:

While every effort has been made to ensure accuracy in this publication, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This publication is not intended to form the basis of a contract.