



**2-wire loop powered toxic and oxygen gas detector for use in potentially explosive atmospheres**

# Series 3000 MkII



## Reliable detection

- Proven electrochemical sensing technology
- Uses Surecell™ electrochemical cells, ideal for hot and humid environments
- Long life sensing elements (typical >2 years)
- Patented 'Reflex' sensing element verification diagnostics

## Reduced installation costs

- Universal mounting bracket included, supplied as standard
- Explosion proof transmitter allows field wiring to be run along with other non IS instruments
- Plug-in sensor removes wiring

## Reduced commissioning costs

- Sensor recognition software auto configures transmitter
- Non-intrusive configuration
- Plug and play factory configured sensors

## Reduced maintenance costs

- IS sensor connection permits hot swap, reducing down time
- User programmable calibration frequency
- Integral fault diagnostic software
- Menu/icon driven calibration procedure
- IP 66 rated to protect against dust/water ingress

## Regulatory compliance

- US (UL)
- Canadian (cUL/CSA)
- International (IECEX)
- European (ATEX)

## Range of optional accessories

- Remote sensor mounting kit
- Duct mounting kit (for H<sub>2</sub>, CO and H<sub>2</sub>S only)
- Calibration cup to apply test gas
- Collecting cone (for H<sub>2</sub> and CO only)

## Typical applications

- Exploration and drilling platforms
- Production platforms
- Onshore oil and gas terminals
- Refineries and chemical plants
- Power plants
- Waste water facilities
- Utilities

**The Series 3000 MkII provides comprehensive monitoring of toxic and oxygen gas hazards in potentially explosive atmospheres, both in and out of doors. This low powered gas detector operates on an industry standard 2-wire 4-20mA loop, making it ideal for both new and retrofit applications. Users can configure the detector without the need of a 'hot work permit' by using the LCD and magnetic switches. Fault diagnostic software and configurable calibration intervals simplify maintenance procedures.**



The Intrinsically Safe smart sensors are supplied pre-configured and can be 'hot swapped' without having to remove power to the detector, saving time and money during commissioning and routine servicing. A remote sensor mounting kit is available that allows the sensor to be mounted up to 50' (15m) from the transmitter, making it ideal for operation in areas that are difficult to access.

Series 3000 MkII is supplied with all necessary accessories for easy installation. The detector can be mounted on a wall or support pole using the universal bracket provided. Electrical installation can be made using either conduit or cable with suitable mechanical protection. A 3/4" NPT entry and M20 adapter are included as standard. A weatherproof cap is also included for use in the harshest outdoor conditions.

## Find out more

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

## Technical Services

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

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

### 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)

### 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)

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