WIRELESS STANDALONE TRANSMITTER

RKI INSTRUMENTS

Gas Detection For Life

AirLink Alert

Features

- Electrochemical, Infrared, or PID sensor element
- Battery powered
- Operating temperature range of -40°C to +70°C
- 3 Push-button interface (ADD, MENU, SUB) with 3 corresponding magnetic, non-intrusive switches

- Graphical LCD with LED backlight
- Output options: wireless, 900 MHz or 2.4 GHz radio
- 1-Year warranty

Industry Applications

- Petrochemical plants, Refineries
- Water & wastewater treatment plants
- Pulp & paper mills
- Manufacturing facilities
- Chemical plants
- Construction
- Temporary or permanent monitoring applications

The RKI AirLink Alert series ambient air toxic gas detector is a versatile assembly that uses an electrochemical, infrared or PID sensor element to detect a variety of gases. Battery powered, it communicates wirelessly with controller. Magnetic switches allow for non-intrusive calibration while in the field as well as full system settings and diagnostics.

Gas Type	Sensor Types	Range	T₉₀
AsH3	EC	0 - 1 ppm	< 30 sec.
CH2O	EC	0 - 10 ppm	< 30 sec.
CH3SH	EC	0 - 10 ppm	< 100 sec.
CL2	EC	0 - 10 ppm	< 60 sec.
CLO2	EC	0 - 1 ppm	< 120 sec.
CO	EC	0 - 300 ppm	< 30 sec.
CO2	LPIR	0 - 1.5% Vol.	< 30 sec.
ETO	EC	0 - 10 ppm	< 80 sec.
F2	EC	0 - 1 ppm	< 80 sec.
H2S	EC	0 - 100 ppm	< 30 sec.
H2S2K	EC	0 - 2000 ppm	< 25 sec.
HBr	EC	0 - 30 ppm	< 40 sec.
HCL	EC	0 - 30 ppm	< 300 sec.
HCN	EC	0 - 30 ppm	< 70 sec.
HF	EC	0 - 10 ppm	< 90 sec.
LEL	LPIR	0 - 100% LEL (0-5% Vol.)	< 30 sec.
NH3	EC	0 - 100 ppm	< 90 sec.

Gas Type	Sensor Types	Range	T₉₀
NH3300	EC	0 - 300 ppm	< 120 sec.
NH3A	EC	0 - 1000 ppm	< 120 sec.
NO	EC	0 - 250 ppm	< 40 sec.
NO2	EC	0 - 20 ppm	< 25 sec.
O2	EC	0 - 25% Vol.	< 15 sec.
O3	EC	0 - 5 ppm	< 60 sec.
O3H	EC	0 - 100 ppm	< 60 sec.
PH3	EC	0 - 5 ppm	< 30 sec.
SO2	EC	0 - 20 ppm	< 35 sec.
PID - VOC	PID 10.6eV	0 - 10.00 / 20.00 / 50.00 ppm	< 3 sec.
PID - VOC	PID 10.6eV	0 - 100.00 / 200.00 / 500.00 / 1000 / 2000 ppm	< 3 sec.
PID - VOC	PID 10.0 eV	0 - 10.00 / 20.00 / 50.00 / 100 ppm	< 3 sec.
PID - VOC	PID 11.7 eV	0 - 20.00 / 50.00 / 100 ppm	< 3 sec.

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World Leader In Gas Detection & Sensor Technology
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Product Specifications

Sensor Type	Electrochemical, PID or low-power infrared sensor
Operating Voltage	3.6V (19 Ah each, 38 Ah total) Lithium-Thionyl (Li-SOCl2) battery, with connector (non-rechargeable)
Power Type	Dual battery powered
Battery Life	1 Year Max. (low power infrared), 2 year Max. (electrochemical), 14+ days (PID)
RF Connection	External N-female radio frequency (RF) connector
Customizable Settings	Adjustable background gas setting
Display Screen	102x64 Resolution graphical LCD screen transflective (sunlight readable) with LED backlight
Interface	3 Push-buttons (MENU, ADD and SUB) 3 Magnetic non-intrusive switches for calibration (MENU, ADD and SUB)
Temperature Range	-40°C to +54°C
Wireless Radio Options	MHz (200 mW) radio (1-1.5 miles range) or 2.4 GHz (125 mW) radio (1-1.5 miles range)
Networks	52 Networks (900 MHz radio) or 78 networks (2.4 GHz radio) 255 addresses per network
Enclosure Material	NEMA Class I, 4, 4X, and 6 polycarbonate enclosure with clear window - IP 66, UL 508 and UL 746C (f1) rated
Construction	For use in non hazardous areas only
Remote Sensor Kit (Additional Feature)	Remote sensor kit with enclosure (7 pin), available in lengths of up to 250 feet for PID and electrochemical, and lengths of up to 40 feet for low power IR
Product Dimensions	5.42 in. L x 6.03 in. W x 17.03 in. H (Max. dimensions with attachments)
Total Weight	6 lbs.
Controllers	Compatible with AirLink 7010 and AirLink 7032
Battery Warranty	90 days from ship date
Warranty	1-Year warranty for electronics and sensor (Two months for PID with 11.7 eV lamp)

Specifications subject to change without notice.

Made in the USA

Authorized Distributor: