



Features

- Diffusion Style Head
- Low Profile Design
- Quick Response Sensors
- Twenty-one Toxic Sensors to Choose From
- Built-in Battery Pack for Bias of Sensors

Applications

- Petrochemical plants
- Refineries
- Water & wastewater treatment plants
- Pulp & paper mills
- Gas, telephone, & electric utilities
- Parking garages
- Steel
- Automotive
- HVAC

The GD-K8A sensor head is a diffusion style head that is ideally suited to meet your gas detection needs. You can choose from one of twenty one sensors to install in this model. These sensors cover a wide variety of applications. The complete sensor housing is only one and a half inches thick, so it can be installed in those tight space requirements. Its easy to install and the hinged housing makes it easy to maintain. The sensor requires only two wires to operate and is quick responding to gas concentrations. It can also be installed to any RKI controller. A battery is built into the housing to ensure that the sensor operates in the event that power failures occur. This eliminates any sensor warm up and down time.

Model	GD-K8A
Detection method	Electrochemical cell
Sampling method	Diffusion sampling type
Response Time	Within 1 minute when exposed to gas concentration of 3 times the set alarm value
Operation temp. & humidity	0 ~ 40°C, 30 ~ 90% RH
Enclosure	Wall mounted, non-explosion proof
Power	100 VAC, 117 VAC, 24 VDC
Weight	1.1 kg
Warranty	One year materials and workmanship

Partial List Of Detectable Gases

Many other gases or ranges available. Contact RKI for gases or ranges not listed

Ammonia (NH ₃)	0 - 75.0 ppm
Arsine (AsH ₃)	0 - 0.20 ppm
Arsine (AsH ₃)	0 - 15.0 ppm
Arsine (AsH ₃)	0 - 300 ppm
Chlorine (Cl ₂)	0 - 3.0 ppm
Chlorine Dioxide (ClO ₂)	0 - 1.00 ppm
Chlorine Trifluoride (ClF ₃)	0 - 1.00 ppm
Diborane (B ₂ H ₆)	0 - 30.0 ppm
Fluorine (F ₂)	0 - 6.0 ppm
Hydrogen Chloride (HCl)	0 - 15.0 ppm
Hydrogen Fluoride (HF)	0 - 9.0 ppm
Hydrogen Sulfide (H ₂ S)	0 -100.0 ppm
Nitric Oxide (NO)	0 -100.0 ppm
Nitrogen Dioxide (NO ₂)	0 - 15.0 ppm
Oxygen (O ₂)	0 - 25.0 %
Ozone (O ₃)	0 - 1.0 ppm
Phosphine (PH ₃)	0 - 1.0 ppm
Silane (SiH ₄)	0 - 15.0 ppm
Sulfur Dioxide (SO ₂)	0 - 30.0 ppm

* Specifications subject to change without notice.



A9812



ISO 9001:2000

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