



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
- Steel
- Automotive
- HVAC
- Semiconductor Manufacturing

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 tight spaces. It's 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 with any RKI controller.

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	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 (0 - 1.0 ppm optional)
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 - 0.30 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 (0 - 30.0 ppm and 0 - 1.00 ppm optional)
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 - 10.0 ppm

* Specifications subject to change without notice.



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