



Features

- Diffusion style head
- Low profile design
- Quick response sensors
- Seventeen toxic sensors to choose from
- Directly mount into Beacon
- 2-Wire

Applications

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

The C2300 sensor head is a diffusion style head that is ideally suited to meet your gas detection needs. With seventeen sensors to choose from this model covers a wide variety of applications. The configuration of the two wire sensor enables it's early response time to gas concentrations. The C2300 can be wired into any RKI controller as well as into any existing BMS or PLC system. The heavy-duty electrochemical sensor is extremely accurate and stable as well as having a high level of repeatability, even at and after prolonged exposure to high levels of contaminant gas.

Technical Specifications:

Detection method	Electrochemical cell	Operating Conditions	0 – 40°C, 40 – 90% RH
Sampling method	Diffusion	Response time	Within 60 seconds
Enclosure	Weather Proof / Poly Carbonate	Output Signal	4 – 20 mA
Supply Voltage	18 – 32 Volts DC	Sensor Life	>3 Years
Dimensions in mm	150 (L) x 64 (H) x 82 (W)		

C2300 Range Detectable Gases:

Ammonia (NH3)	0 - 75 ppm	Hydrogen Fluoride (HF)	0 – 9 ppm
Arsine (AsH3)	0 – 0.2 ppm	Hydrogen Sulfide (H2S)	0 – 1 ppm
Boron Trichloride (BCl3)	0 – 15 ppm	Nitric Oxide (NO)	0 – 100 ppm
Carbon Monoxide (CO)	0 – 300ppm	Nitrogen Dioxide (NO2)	0 – 15 ppm
Chlorine (Cl2)	0 – 3 ppm	Ozone (O3)	0 – 1 ppm
Chlorine Trifluoride (ClF3)	0 – 1 ppm	Phosphine (PH3)	0 – 1 ppm
Diborane (B2H6)	0 – 30 ppm	Silane (SiH4)	0 – 15 ppm
Fluorine (F2)	0 – 6 ppm	Sulfur Dioxide (SO2)	0 – 30 ppm
Hydrogen Chloride (HCL)	0 – 15 ppm		

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