

# KARF & SCOOT

## Electrochemical Fixed Gas Detector



### Highest Safety



**Configurable  
Relay Outputs**



**Sensor-Adjust  
Technology  
(SAT®)**



**ATEX and CE  
Certified**

# GD2G Electrochemical

## Fixed Gas Detector

### CUTTING-EDGE SAFETY

It's a durable and cutting-edge safety solution for all gas detection needs in toxic environments.

### FLEXIBILITY FOR NEEDS

Thanks to its embedded software algorithm, it provides a strictly safe measurement along with configurable relay outputs which create flexibility for changing needs of different sectoral usages.

### ATEX CERTIFIED

Suitable for use in Group II (Zone I and Zone II) and ATEX certified as per international standards.

Operating Voltage	24V ±25% VDC
Measurement	ppm
Resolution	1% ppm
Response Time	<30s
Sensor Type	Electrochemical
Analog Output	4-20mA
Digital Output	2 Relays (NO and NC)
Environmentals Conditions	
Temperature	-20 ~ +60 °C
Pressure	86 ~ 106 kPa
Humidity	≤95 % RH
Weight	1 kg
Material	Aluminum
Sensor Capsule	Stainless Steel
ATEX Classification	II 2 G Ex d IIC Gb T6
IP Protection Level	IP65
Warranty	2 Years

### LIST OF GASES&VAPORS

Carbon Monoxide	CO	Nitrogen Dioxide	NO <sub>2</sub>	Nitrogen Monoxide	NO
Hydrogen Sulfide	H <sub>2</sub> S	Ammonia	NH <sub>3</sub>	(nitrogen oxide)	
Formaldehyde	CH <sub>2</sub> O	Chlorine	CL <sub>2</sub>	Sulfur Dioxide	SO <sub>2</sub>
				Oxygen	O <sub>2</sub>