

# 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 24VDC  $\pm 25\%$

Measurement ppm \*

Resolution 1%

Response Time <30s \*

Sensor Type Electrochemical

Analog Output 4-20mA

Digital Output 3 Relays (NO or NC)

Environmentals Conditions

Temperature -20 ~ +60°C

Pressure 86 ~ 106 kPa

Humidity  $\leq 95\%$  RH

Weight 1 kg

Main Body Aluminum

Sensor Capsule Stainless Steel

ATEX Classification II 2 G Ex d IIC Gb T6

IP Protection Level IP65

Warranty 2 Years

\*Measurement range and resolution depend on the detected gas. Please contact us for more information.

### 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>	Sulfur Dioxide	SO <sub>2</sub>
Formaldehyde	CH <sub>2</sub> O	Chlorine	Cl <sub>2</sub>	Oxygen	O <sub>2</sub>

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SCOOT

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