



# Gas Detection (Aust) Pty Ltd

ABN 74 124 402 231

PO BOX 597, Darling Heights, Qld 4350.

Ph: +61 7 4613 5111, Email: sales@gasdetect.com.au

## GDA 2625 | Carbon Monoxide Gas Sensor with Voltage Output



The GDA 2625 **Carbon monoxide** gas **sensor** is a further enhancement of the GDA 2525 **Carbon monoxide** gas **sensor** that allows **AC and DC** operation. It has an **electrochemical** gas sensing unit which is temperature compensated and easily replaceable.

Designed, manufactured and supported locally in Australia.

**The gas sensor element is on a pluggable lead to allow ease of replacement.** The carbon monoxide gas sensor electronics are housed in a robust ABS sun tolerant plastic enclosure rated IP65; the sensor head and its electronics are housed in a metal enclosure giving it excellent **RFI and EMC compatibility**. The sensor head is fitted with a splash proof cover giving an IP62 rating. Provides the option of 4-20 mA, 0-10 V, and 0-5 V operation. The additional voltage o/p can be used on BMS systems that use voltage inputs as opposed to current input

- 0-200 ppm Range (Other ranges on request)
- 4-20 mA, 0-5 V or 0-10 V o/p
- **Low cost replaceable gas sensor element**
- Easy to install
- Easy to calibrate (only gas and multimeter required)
- ABS sun tolerant IP66 housing (sensor element IP62)



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- **Australian** Factory Certificate of Calibration

**Made in Australia and Supported in Australia**

## Dimensions

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## Specifications

Detectable Gases	Carbon monoxide (CO)
Detectable Gas Ranges	0-200 ppm (user selectable 0-100 ppm & 0-150 ppm)
Power Requirements	+24 VDC
Output Types	4-20 mA, 0-5 V, 0-10 V (user configurable)
Power Consumption	0.25W in 3 wire mode
Output Specifications	Max loop impedance 1K (24 VDC)
Connection	4 pin plug / socket
Wiring	2 core or 3 core dependent on o/p ( with overall screen)
Operating Temperature	-10 - 40°C
Operating Humidity	15% to 90% RH peak non condensing
Accuracy of Reading	0.5% of reading
Warm Up Time	30 seconds
Response Time	T90 = 45 seconds at STP
Zero Drift	< 0.1% /30 days
Calibration Drift	< 0.25% / 30 days at STP
Sensor Technology	Electrochemical sensor with SMT
Calibration Requirement	Annually if sensor operated at STP
Dimensions	122 x 84 x 62 mm (L, W, D)



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Enclosure Material	ABS plastic
Enclosure Rating	IP65 with sensor element IP62
Cable Entry	2 x 20 mm top entry



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## Implementation

