# GDA 2000Tx
# Explosion Proof Toxic Gas Detector

➢ Auto Calibration

➢ IP66 Water Resistant

➢ Optional HART Protocol

➢ No Hot Work permit required

**IECEx APPROVED**

The GDA-2000Tx gas detector is certified for use in Zone 1 Hazardous areas within Australia. Operating at 24 VDC and gives a 4-20 mA output over the range of the oxygen or toxic sensor to which it is calibrated. The gas detector can be programmed and calibrated without opening. The display indicates the gas level reading. It is fitted with a sensor splash cover giving a head IP rating of IP66. The sensor does not have to be opened to carry out a calibration as all programming can be carried out via an external magnetic switch. This allows calibration without a hot work permit.

➢ Self-diagnosis functionality with built-in Microprocessor
➢ Multiply types available with high quality with low cost of ownership
➢ Built-in back light LCD display
➢ Auto calibration and magnet bar operation
➢ 4-20mA DC output signal
➢ One-man calibration and maintenance.

## Fully Technically Supported By Gas Detection Australia
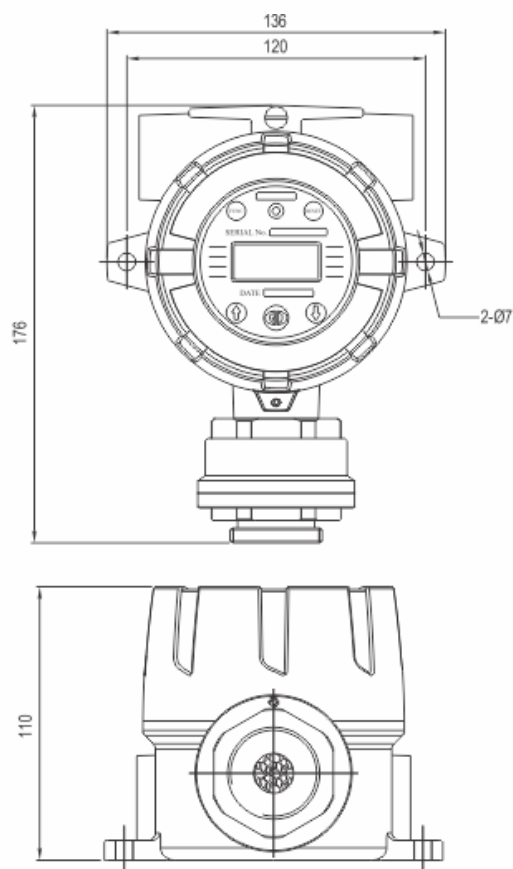## Call: **+61 7 4613 5111** For Techincal Adivce And Support

## Specifications

| | |
|---|---|
| Accuracy of Reading | ±3% / Full scale |
| Response time | < 45 sec / 90% scale |
| Measuring value display | LCD display (Built in back light  2-Line, 8 characters) |
| Parameter control | Non-intrusive control with magnetic switching |
| Power Requirements | 18~31V DC (24V DC Recommended) |
| Power Consumption | 200 mA |
| Output Types | Analog: 4-20mA, Digital: HART PROTOCAL (Option) |
| Connection | 5 way plug connector |
| Wiring | Power + Signal cable : 3-wire 〉 1.5sq (AWG16) / 2500m max |
| Conduit connection | NPT 1/2". Optional order: NPT 3/4", M20, M25 |
| Operating Temperature | -20℃ ~ +60℃ / -40℃ ~ +80℃ (Option) |
| Operating Humidity | 5% to 99% RH (Non-condensing) |
| Enclosure Material | Housing : ALDC, SUS316 (Option) / Sensor : SUS316 |
| Dimensions | 136 x 176 x 110 (WxHxD)mm |
| Weight | 1.7kg |
| Approval | MED, ABS, DNV, BV, KR, CE, NEPSI, SIL 2 |
| Enclosure Rating | Ex d IIC Gb T4~T6 (ATEX, IECEx), IP66 |

Insert Version

To order please email: **Sales@gasdetect.com.au**