

GCS512A AMMONIA DETECTOR



The GCS512A Ammonia detector uses a new generation solid electrochemical cell to detect Ammonia leaks in the 0-100ppm range. Unlike many toxic level detectors the GCS512A will not readily respond to hydrocarbons such as Ethylene from ripening fruit, Carbon Monoxide from fork lift trucks and Hydrogen from charging batteries.

An innovative feature of the GCS512A is a Lithium battery which has a similar life to the measuring cell and a signal is given when replacement of both is needed. This battery maintains sensor bias providing stable operation independent of power and permitting pre-calibration for simple on-site exchange.

The GCS512A includes an alarm setpoint and an output that can be used to power an external sounder, indicator or relay. An optional miniature LCD display can be added to display the measured ammonia. The 4-20 mA output signal can be connected to the dedicated GCS530/540 alarm displays or alternatively can be connected to commercial digital display/controllers or to independent PLC systems.

FEATURES

- No hydrocarbon interference
- Solid electrochemical cell
- Optional digital display
- 4 -20 mA output
- Stable zero in fresh air
- Rugged polycarbonate housing
- Battery bias for stability



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