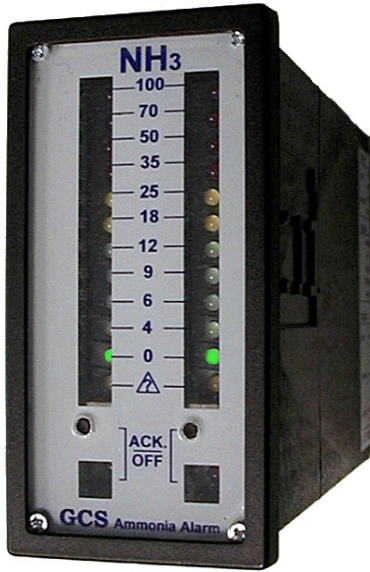


# Ammonia alarm & display **GCS 530/540**



- GCS530 single channel
- GCS540 dual channel
- Panel mount 96 x 48 DIN
- 2 alarm & 1 fault relays
- 4 - 20 mA input
- LED column display
- Sensor life alarm
- Sounder output

The GCS530/540 is a simple to use indicator and alarm module for use with the GCS510 & 520 Ammonia detectors. A non-linear row of LED indicators give a good sensitivity at the lower end of the scale. The display colour changes from green to orange when the measured ammonia level exceeds the 8 Hr maximum exposure threshold of 25ppm. If the 35 ppm 15 min exposure threshold is exceeded the display changes to red.

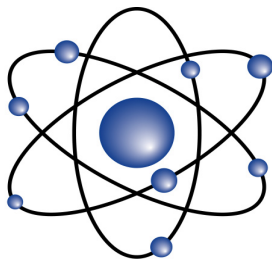
Relay 1 and the sounder comes ON at 25ppm and relay 2 at the 35ppm threshold. The relay operation points can be adjusted internally with links.

A single button is used to silence the sounder and with a longer press can be used to disable the alarms. This action is indicated by a flashing LED and activation of the fault relay. The status of this switch is maintained in the event of power failure reducing the need for stand-by power supplies.

The fault relay and a separate LED is also activated if the sensor is disconnected or drifts low. This LED flashes if the cell life circuit indicates the sensor needs changing but the alarm and sensors continue to operate normally.

The panel mounted case can be installed in the electrical control panel or if required Gas Control Systems inc can build a number of alarms in a wall mounted cabinet complete with mains power supply and sounder.

**Specifications :** Input 4- 20mA 250R. Scale 0-100 ppm, display: -4,0,4,6,9,12,18,25,35,50,70,100 ppm, Relay contacts rating 230v 3A normally open. Front bezel 98x48 mm, cut out 45x92 mm, depth 145 mm Power supply 12v DC +/-15% 120mA (including sensor) Plug in screw connectors for: Detector 5 way, DCpower and sounder 4 way, Relay contacts 6 way. Sounder output: 12v 30mA max. Button memory time.>12hrs



**GAS CONTROL**  
SYSTEMS INC

**Distributor:**