



## DATA SHEET

Chlorine Master is a compact but powerful control system that combines simple operation with an extensive array of input and output functions.

Chlorine Master provides all the information you need about your gas detectors at a glance. The large multilingual display shows gas levels from all detectors simultaneously, and enables system adjustment and testing using buttons on the front panel. Chlorine Master can operate 'stand-alone' or interface with any alarm devices and control systems using a selection of outputs.

### Benefits include:

- All gas levels are displayed simultaneously
- Alarm messages can be customised to indicate the name or location of any detector in alarm
- Full systems status check at a glance
- Menu system is intuitive and easy to use
- Configuration changes to be made easily
- All functions, from day-to-day operation to re-calibration, can be carried out from the front panel
- Routine testing can be performed rapidly
- Event log feature
- System fault and alarm history can be viewed

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### Versatile input and output features

- Provides analogue, relay and Modbus outputs
- Can monitor up to four detectors in virtually any combination of gas detectors, fire zones or Environmental Sampling
- Two levels of independent alarm per channel
- Remote inhibit and reset facilities
- You only need to purchase the required number of input modules. The unit is configured for 1 sensor has standard. Three additional sensors are optional at additional cost.

### Specification

- Size 288 x 278 x 110mm
- Enclosure material Back-box: cast aluminium  
Front cover: ABS (flame retardant)
- Ingress protection IP65
- Power 100-240Vac 50-60Hz or 20-30Vdc, 60W max
- Battery back-up 1.2Ah batteries fitted internally
- Operating temperature -10OC to + 50OC (14OF to 122OF)
- Outputs - Relays DPCO contacts rated 250Vac 8A. Relays can be set as energised or de-energised, latching or non-latching, latching acceptable.  
  
Low alarm. High alarm. Fault. Alarm relays can be set for rising or falling alarms. Hysteresis can be adjusted on low alarms
- Communications port Optional port for PC configuration and event log upload
- Approvals EMC: EN50270, EN60945, FCC Part 15, ICES002 ATEX: EN60079-25:2010
- Functional safety Validated to IEC61508 SIL2

