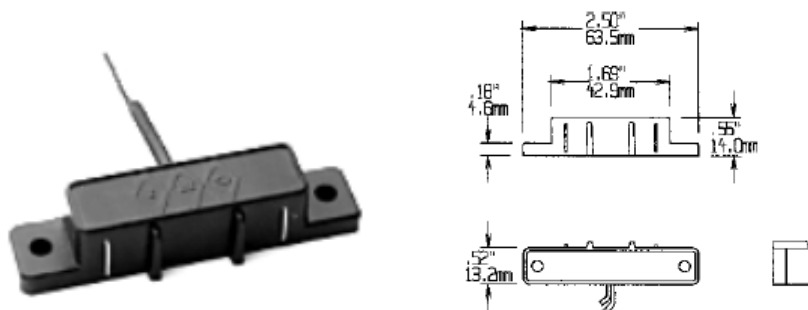


February 2018

MastMinder Water Sensor installation

- Will Detect Any Conductive Non-Flammable Liquid
- Ideal Anywhere Liquid Detection Is Required
- Automatic Reset
- 6 Foot (2 metre) Jacketed Lead Standard
- Powered directly from the MastMinder F400E/G unit
- Uses no mechanical parts
- Sensors are triggered by a moisture bridge across the sensor contacts
- Can be installed to detect a layer of liquid as minute as 1/16 of an inch (1.6mm) in depth



Can be supplied either as –

1. Closed Loop – Fail safe design – Alarm is triggered by relay contact open on water detection, power failure or wiring failure or unit failure (recommended)
2. Open Loop – Not fail safe design – Alarm is triggered by relay contact closure on water detection only (not recommended)

Installation.

Closed Loop design may be installed as single unit or all connected in series so if any unit breaks the circuit then the alarm is triggered.

Open Loop design may be installed as single unit or all connected in parallel so if any unit makes the circuit then the alarm is triggered.

Each unit has 4 wires.

Red - +ve 12 volt DC supply directly from the F400E/G unit

Black - -ve (ground) directly from the F400E/G unit

Green – Contact on relay

White – Contact on relay

Connection to F400E/G unit.

Red - +ve 12 volt – connect to term 23 or 33 whichever is more convenient

Black - -ve ground – connect to term 1, 12, 20, 21 or 31 whichever is more convenient

Green - ground – connect to term 1, 12, 20, 21 or 31 whichever is more convenient

White – will be connected to any free digital input terminal in the range 4 to 11 inclusive

Note that the “Open Loop” or “Closed Loop” circuit, made by either just one sensor or many sensors in a series “Closed Loop” or parallel “Open Loop” will be made via the Green & White connections to the F400E/G unit.

The F400E/G unit then needs to be configured accordingly to accommodate the new alarm.

