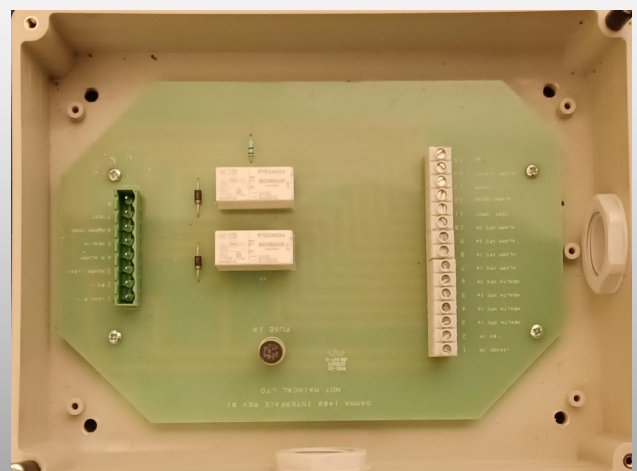
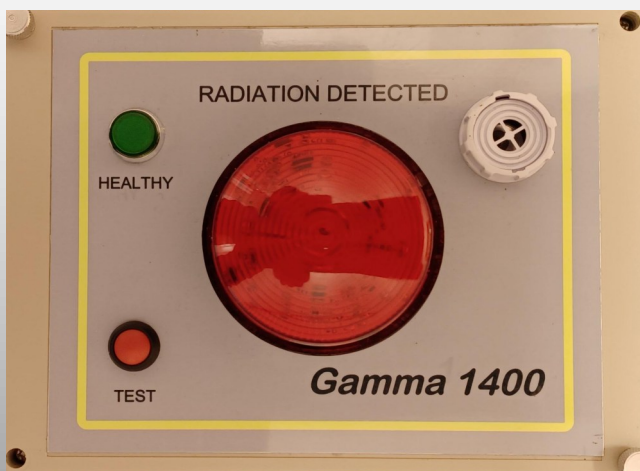


Gamma1400 Fixed Radiation Alarm

Features

- ◆ Alarm plugs into a fixed wall mounted dock
- ◆ Alarm unit is self checking & provides volts free contacts for fault signalling
- ◆ Visual indicator for system health.
- ◆ Flashing radiation above trigger level beacon
- ◆ Audible 5s warning each time radiation above trigger level is detected
- ◆ Multiple alarm & interlock output options
- ◆ If GM tube saturates alarm continues to operate
- ◆ Test switch



Gamma1400 Fixed Radiation Alarm

Specification

Supply Voltage: Constant supply 24VDC (22-25VDC)@ 500mA

Trigger Level : 2 μ Sv –20 μ Sv Factory set and calibrated @ 7.5 μ Sv or as specified.

Detector : LND 713 thin wall Beta-Gamma detector (GM Tube)

Alarm Outputs: 2 sets volts free relay N/C contacts rated @ 240VAC/24VDC 5A

1 +24V @ 500mA output

Health Outputs: 2 sets volts free relay N/O contacts rated @ 240VAC/24VDC 5A closed when the Alarm has both correct power supplies & has responded to background radiation (unit contains a small non-hazardous check source) within the previous 3 minutes

Alarm Trg out: Output open collector 75mA Operates for approximately 5 second each time the alarm detects radiation above the trigger level

Test Input: +24VDC: ON OPEN/0V: OFF

Test switch: Press and hold to simulate radiation.

Siren: Operates for approximately 5 second each time the Alarm detects radiation above the trigger level

Health Indicator: illuminated when the Alarm has both correct power supplies & has responded to background radiation (unit contains a small non-hazardous check source) within the previous 3 minutes.

Beacon: Flashes while the Alarm detects radiation above trigger level.

Case: L220mm x H165mm x D160mm (including beacon)

Ports: 2 X 25mm centre position top/ + left side or as specified.