

Floodline 128



The 128 Multi-Zone System operates a network of leak detection cables and sensors up to a total of 128 zones. A zone can be a single point or many metres of detection cable and the whole network is continuously monitored for leaks and continuity. Zones are electrically isolated from each other and individually displayed so the system can accept and report any number of simultaneous or consecutive zone alarms. An alarm in one zone has no effect on the normal monitoring of its neighbours or the rest of the system.

Function

Water/Liquid detection, Temperature, Humidity

Zone capacity: 32, 64, 96, 128

Power

110/230 VAC 50/60Hz mains operated 160 Watts (max),
12 VDC internal + battery backup

Construction

Base and control unit powder coated steel enclosure

Dimensions

Base Unit: H555 x W490 x D160mm
Control Unit: H185 x W55 x D62mm

Monitoring

LEAK – continuous water/liquid detection – each zone reports separately

SHORT/OPEN CIRCUIT – sensor or leader cable damage, failure or disconnection

Display (control unit) Disconnected – connection cable between control unit and base unit damaged or disconnected

Display (control unit) Communication Failure – control

unit and base unit damaged or disconnected

Module Communication Failure – Internal communication between base unit motherboard and 32 zone module/comms module failure

Remote Disconnected – connection cable between base unit and optional Floodline Remote Alarm damaged or disconnected

Output

1. Leak in any zone – SPCO Relay (5A @ 230VAC)
2. System Fault – open, short circuit any zone – SPCO Relay (5A @ 230VAC)
3. Mains Fail – SPCO Relay (5A @ 230VAC)
4. Complete Power Failure – SPCO Relay (5A @ 230VAC)
5. Self Test – Low battery, comms failure, remote/display disconnected – SPCO Relay (5A @ 230VAC)
6. Leak in each individual zone – SPCO Relay
7. Moduł RS 232, RS 485 – optional.
8. Potential free relays