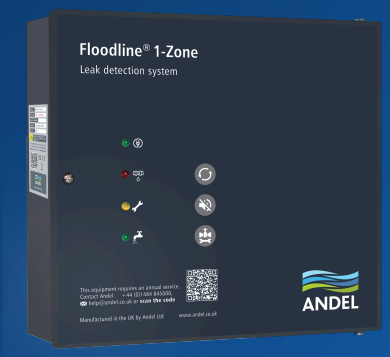
LEAK DETECTION

Floodline® 1-Zone Control Panel

Continuous monitoring of a single leak detection zone



Continuous monitoring of a single leak detection zone

The Floodline® 1-Zone leak detection control panel offers a cost-effective, stand-alone system where a limited amount of leak detection is required. One or multiple Floodline® sensors can be connected, with the option to control automatic shut-off valves to isolate water, oil or gas supply in the event of a leak. It continuously monitors a single leak detection zone. It is wall mounted for easy access.

A zone can be anything from a single point to multiple water, oil and gas sensors, humidity and temperature sensors, as well as liquid leak distance measuring for up to 1,500 metres via Andel's Floodline Ranger® system.

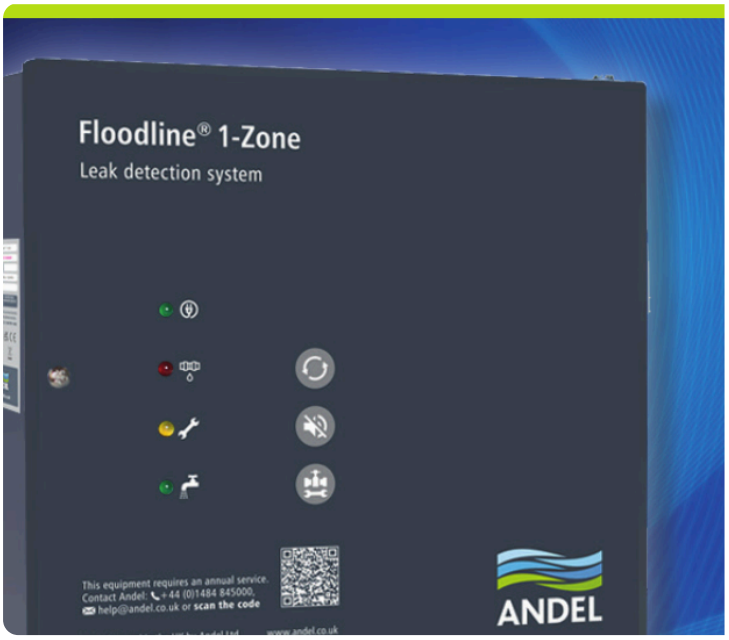
Clear status and alarm indication

LEDs provide clear and easy-to-understand status and alarm information. A leak detection alarm is indicated by a flashing LED as well as an audible alarm with mute function; an activated alarm is displayed continuously until corrected and reset. Valve open/closed status is also clearly displayed. Output relays provide the ability to connect to BMS and remote alarms, and can drive other devices such as beacons and solenoid or motorised valves to isolate water, gas and oil supply in the event of a leak alarm.

Benefits at a glance

- Monitors the full range of Floodline® leak detection sensors
- Connects to Floodline Ranger® for distance-measuring liquid leak detection
- Can control valves to isolate the water supply in the event of an alarm activation
- Test button to check correct function of the connected valve/s
- Monitors temperature and humidity
- LEDs provide clear system status and alarm information
- Audible alarm with mute function
- Output relays connect to BMS, remote alarms and beacons

Warranty: 10-year warranty on all Floodline® leak detection equipment, at no extra cost.



Floodline® 1-Zone control panel with LEDs for leak, system fault, valve status and mains power.

TECHNICAL INFORMATION

Power: 110–230 VAC, 50–60Hz mains operated, 45W

Construction: Powder-coated, fine-textured steel enclosure, colour RAL 7043

Dimensions: H 200mm × W 225mm × D 70mm

Fixing: Wall or surface mounted

Zone capacity: Single zone

Monitoring: Continuous water, oil and gas leak detection including liquid leak distance measuring, plus temperature and humidity monitoring; adjustable sensitivity

System fault: Sensor or cable damage, failure or disconnection

Indicators: LEDs for leak, system fault, valve status and mains power; all alarms displayed separately and continuously with audible alarm until corrected and reset

Controls: Mute (buzzer silence) button reset

Outputs: Leak — DPCO relay (5A @ 230VAC); System fault/complete power fail — DPCO relay (5A @ 230VAC); 24VDC N/O or N/C valve power (1A @ 24VDC). All relays have clean volt-free contacts