LEAK DETECTION

Floodline® 1-Zone Module

Cost-effective, self-contained single-zone leak detection module



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Floodline® 1-Zone Module is a self-contained single-zone leak detection module specially designed for incorporation into other control/alarm systems, air conditioning units, BMS, etc. The module continuously monitors a single leak detection zone.

It provides two volt-free contacts for communication, with flashing LEDs signalling independently — red for leak detection and yellow for system status alarms. All alarms are displayed continuously until corrected and reset.

Features and installation

The module provides variable sensitivity for leak alarm, the ability to read sensor status, manual and automatic reset modes, a history log of the last five alarm events, two volt-free relay outputs and test operation for the volt-free contacts. The compact module is designed for DIN rail mounting, and screw terminals provide connections for leak detection sensors, power input and volt-free contact output.



Floodline® 1-Zone Module — DIN-rail mounted, with numeric display and LEDs for leak and fault.

Benefits at a glance

- Cost-effective, self-contained single-zone leak detection module
- Easy DIN rail installation
- Monitors the full range of Floodline® water, oil and gas leak detection sensors
- Clear LED display
- Variable sensitivity for leak alarm
- Ability to switch between manual and automatic operating modes
- Event history log (last five events)
- Output relay test function
- Two volt-free contacts that signal independently for leak detection and system status alarms
- Ideal for air conditioning units
- Ability to read sensor status
- Connection for remote reset
- Incorporates into other control/alarm systems and BMS

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

Configurations

1 Zone Module	1 Zone leak detection Module +Enc
Item 600442	Item 600580

TECHNICAL INFORMATION

Zone capacity: One sensor or multiple sensors daisy-chained in one zone

Power: Multi-voltage 12V or 24V, 0.5W

Construction: PC-ABS

Dimensions: L 90.2mm × W 36.3mm × D 57.5mm

Operating temperature: 0°C to 70°C

Fixing: DIN-rail mounted; screw terminals connect leak detection sensors, power input and volt-free contact output

Monitoring: Continuous water/liquid in a single zone; system fault on sensor or cable damage, failure or disconnection

Numeric display: Operating mode AUTO or MANUAL; flashing text LEAK or FAULT

Alarm indicators: Flashing LEDs for leak or system fault; all alarms displayed separately and continuously until corrected and reset

Outputs: Leak — SPCO 2A relay 30VDC or 250VAC; Fault — SPCO 2A relay 30VDC or 250VAC