

# SENSAPHONE® 8500

## Liquid Leakage Alarm System



Sensaphone 8500 panel can be used for the leak protection of server rooms / technical service areas. Main application areas including: underfloor chilled water pipe, overhead fan coil units, hot water radiator units, sump tanks, drip trays, etc.

The system allows immediate detection of conductive (water, acid or alkaline) or non-conductive (hydrocarbon fuel or organic solvent) by applying different type of liquid sensing cables.

### LOCAL INDICATORS:

Audible alert and LED visual indicators are available during an alarm to notify users the monitored conditions.

### SAFE OPERATIONS:

Sensaphone 8500 has plenty of space for wiring inside the plastic enclosure, no connection exposes to the outside environment, this promotes safe operation and a tidy environment.

### 2 RELAY OUTPUTS:

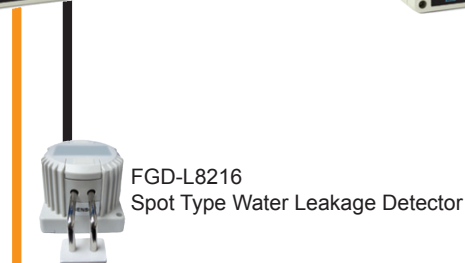
Two relay outputs are available, the leakage relay and the fault relay (power failure and cable break).

### SIMPLE AND USER FRIENDLY:

Simple wiring, equipped with tactile button to provide users a better hands on experience.

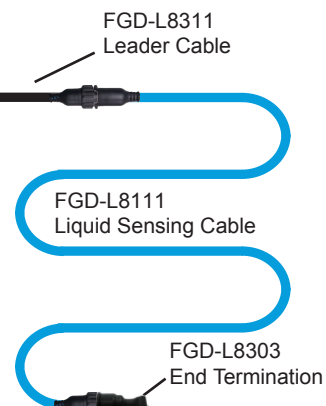
## TYPICAL APPLICATIONS

FGD-L8500  
Sensaphone 8500 Zone Type  
Liquid Leakage Alarm System



4-wire Network

FGD-L8500  
Sensaphone 8500 Zone Type  
Liquid Leakage Alarm System



## SPECIFICATIONS

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### INPUTS:

- Single Input Channel
  - Liquid Sensing Cable
  - Spot Sensor
- Adjustable Sensitivity

### OUTPUTS:

- 2 Relay Outputs
  - Leakage Relay (Form C)
  - Fault Relay (Form C)

### LOCAL INDICATORS:

- LED
  - Power On (Green)
  - Cable Break (Orange)
  - Leakage (Red)
- Buzzer as audible alarm indicator, with Silent Switch

### PANEL FEATURES:

- Comes in an ABS Enclosure
- Dimension of panel is 125mm x 165mm x 75mm (Excluding Cable Gland)
- Weight of panel is 550g
- With Mute / Acknowledgement Button and Leakage Relay Reset Button
- Support Wall Mounting Installation

### POWER REQUIREMENTS:

- 100-240VAC, 50/60Hz, Single Phase or 12-24V AC/DC
- Connection via Wire Terminal
- Max Power Consumption is 2W

## ACCESSORIES

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### SENSING CABLE:

Modular Liquid Sensing Cable, 5m.....	FGD-L8111-5M
Modular Liquid Sensing Cable, 10m.....	FGD-L8111-10M
Modular Liquid Sensing Cable, 15m.....	FGD-L8111-15M
Modular Liquid Sensing Cable, 30m.....	FGD-L8111-30M

### SPOT TYPE WATER LEAKAGE DETECTOR:

Spot Type Liquid Leakage Detector.....	FGD-L8216-5
Spot Type Liquid Leakage Detector.....	FGD-L8216-10

### SYSTEM COMPONENTS:

Modular Leader Cable, 5m.....	FGD-L8311
Modular Jumper Cable, 5m.....	FGD-L8312-5M
Modular Jumper Cable, 10m.....	FGD-L8312-10M
Modular Jumper Cable, 15m.....	FGD-L8312-15M
Modular Jumper Cable, 30m.....	FGD-L8312-30M
Modular End Termination.....	FGD-L8303
Branch Connecting Box.....	FGD-L8304
Hold Down Clips with Adhesive Foam Tape...	FGD-L8305
Identification Tags for Sensing Cable.....	FGD-L8306
Testing Tool for Sensing Cable.....	FGD-L8307
Modular Weighted Length.....	FGD-L8308

\*Photos are for reference only.

\*Specifications subject to change without notice.

**Distributed By:**

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