

SP-WFL

Sensplorer Water Leak & Flooding Module

CLOUD AND MOBILE MONITORING

Sensplorer's MQTT protocol support presents secure, accurate, prompt mobile and cloud based monitoring for the water leaks.

WATER LEAK DETECTION

Hardware and software solution that monitors water leaks and flood with the most advanced and tested technology

A UNIQUE NAME, CONFIGURATION AND "IF THIS THEN THAT" RULE CAN BE SEPERATELY ASSIGNED FOR EACH INDIVIDUAL SENSOR

Sensplorer's flexible, modern and user-friendly software gives you the freedom to use it any way you want. No design or system limitations

EXPANDABILITY

Sensplorer has a modularly expandable design protecting the current investment. The expansion size depends on the type of Sensplorer base module used

www.sensplorer.com



- **Precise and electromagnetically immune water leakage monitoring**
- **Zone and Spot type sensor probes are available**
- **No corrosion and oxidation on sensor probe or cable over time**
- **User defined name, limits and hysteresis**
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- **Instantaneous status of the sensor will appear on the screen of the module.**

The **Sensplorer Water Leakage/Flood Sensor** monitors if any water leakage is present. It is used flood detection cable and spot-type water sensor with respect to specific requirement.

Sensplorer water flood sensor with its very precise sensing technology generates almost no fake alarm.

Sensplorer flood sensor cable and probes never get corroded by design. It never uses polarity on detection of water probes and leak sensing cables.

The LCD screen on the module helps people to see the current flood situation in the field and to intervene immediately.

It is connected to CAN bus of all types of Sensplorer Base Modules by using CAT5 / 6 UTP cable. The module receives its energy via this UTP connection, no separate power supply is required.

The maximum length of CAN bus can be extended up to 200 meters. However power injection module may be required depending on CAN bus length and the number of CAN modules.

If the sensor value goes out of the range defined by the system administrator;

- *Users sensor assigned, "if defined", receive e-mail, SMS, phone call*
- *Sensplorer dashboard shows the status change on dashboard*
- *SNMP / Syslog servers, "if defined", receives the traps/messages*
- *SCADA or BMS systems, "if defined", receives the traps/messages*
- *Sensplorer runs the specific rule(s) defined in case of this particular event*
- *All events and sensor's values are stored in the sensor history database for logging or reporting purpose in the future*

Technical Specifications

Water Leak & Flooding Module

Power	: 12V DC, max. 2 W
Working Temp.	: 0 °C / +70 °C
Storage Temp	: -40 °C / +85 °C
Installation	: Wall mount
Dimension (W*L*D)	: 158 x 86 x 60 mm

Water Leak/Flood Sensor

Measured Value	: Exists or Not
Measurement Type	: No constant polarity
Response Time	: max. 3 seconds

Relay Output

Max working Voltages	: 30V DC or 250V AC
NO (normally open) side	: ± maks. 5A@AC / 1A@DC
NC (normally closed) side	: ± maks. 2A@AC / 1A@DC

Always monitor your assets wherever you are...

Sample Sensplorer installation with CAN Modules

Sensplorer X/M/S/v3.0 Base Module



CAN Modular Expansion Bus (UTP)



Sensplorer CAN Expansion Modules

- 16-port Sensor Hub
- GSM Modem
- Temperature & Humidity
- Flooding / Water Leak
- 2-Port Dry Contact
- 16-Port Dry Contact
- 3-Phase Voltage
- 8-port Relay
- RS-485 Modbus RTU
- RS-232 Modbus TRU
- 12-port Digital Input
- AC Fuse Monitoring

SENSPLORER ALWAYS LETS YOU KNOW WHAT'S GOING ON

Sensplorer sends message to the assigned people to let them know a status change occurred

Users can request the current state of sensors whenever they want to know

All these assignments are completely customizable and easy to use

GOING GREEN

Sensplorer helps you to run an environmentally conscious operation



Please let us know about your requests, questions, comments and suggestions...

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