Flooding detection cable
Flooding adapter WL-03

Name: Wired Water Leak Sensor

Model: WL-03

The Linetype Water Leak Sensor is special for waterproof applications, e.g.:

Bedroom, library, museum, warehouse, wareroom, storehouse, depot,

depository, depositary, generator room, machine room, engine room, etc.

When the water permeates into room, and connects to any point of the linetype

detector, the detector will trigger and output one dry contact singal to the alarm

system (S3523, S3525, S3526). The alarm system will alert the users

immediately.

★ **Application:**

Communications base station, precision machine room, hotels, restaurants,

libraries, warehouses, urban water supply, buildings, water and other needs of

the protection from water cases.

★**Functions & Features**

1. Low working voltage, it's safe to any person;

2. Apply to important applications;

3. Large-scale protect, the linetype can up to 50 meters;

4. New patent design for house and industry;

5. Range Adjutable: the scale of detection can be divided into four range,

through the switching knobs;

6. Safe and reliable: automatically detect fault lines-off.

★ **Specifications**

★ **Technical parameters of WL-03:**

Power supply: 12-60VDC(If chose the BTR-BJ alarm, power supply should

be 12 ~ 24 v)

Sensitivity range:

Level 1: 0 - 250K Ω

Level 2: 0 - 600KΩ

Level 3: 0 – 5MΩ

Level 4: 0 – 50MΩ(Highly sensitive level, encountered very little water to

alarm)

Output forms: dry contact, flooding detection Normal Open output, Normal

Close output can be selected by jumping the lines.

Short-circuit impedance: <50 Ω,**load voltage**:<60 V, **load current** :<30 mA

Static current: <45 mA

Alarm current: <65mA

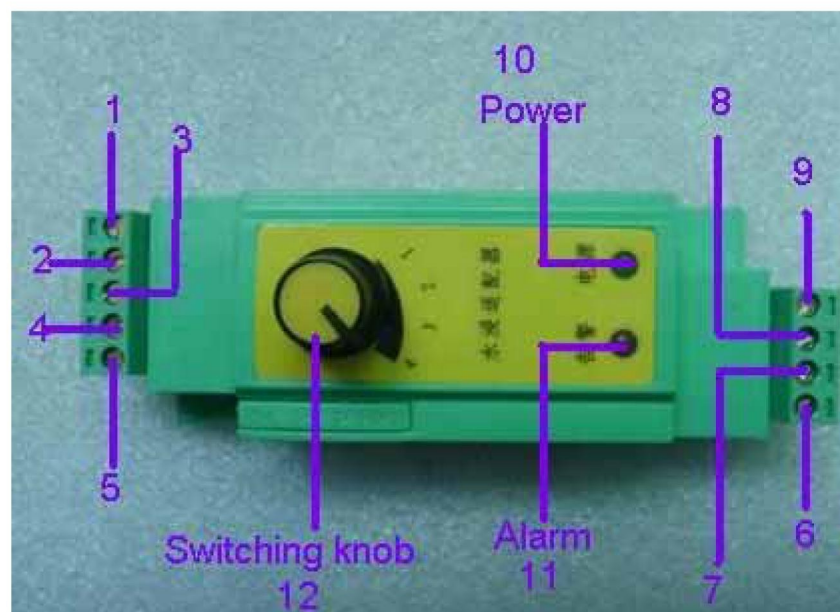**Working environment:** -10 ~ 55°C,10~98%RH

Size: 95x 37x 30 mm

Weight: 85g

★**Technical parameters of flooding detection cable:**

1. **Optional length:** 2m, 10m, 15m, 20m, 30m,or customized)

2. **Weight:** 100g per meter

3.**Detecting density:** the whole thread

4. **Width**: 12 mm

5.**Thickness**: 5.5 mm

★**Installation and testing**

Flooding adaptor WL-03

Point 1 and Point 2:   Power input

Point 3:   Reserved

Point 4 and Point 5:   Connect to Switch collector or alarm mainframe device,

e.g.: S3523, S3525 or S3526

Point 6/Point 7:   Chose one point between point 6 and point 7 to connect to one wire of the flooding detection cable.

Point 8/Point 9:   Chose one point between point 8 and point 9 to connect to another wire of the flooding detection cable.

Point 10: power

Point 11: alarm

Point 12: switching knob

Attention:

1. The power did not need to distinguish between positive electrode and negtive electrode.

2. Installation method of flooding adaptor WL-03:

 a:installation folder

b:double-sided plastic folder.

3.The Flooding Adaptor WL-03 should be fixed on 35mm standard concave

DIN guide-track groove of double-sided plastic folder or installation folder.

Flooding detection cable BTR-1018:

Attention: The black part of flooding detection cable should downwards.

1.   Flooding detection cable should be used with the installation of accessory in the detection regional.

2.   Connect flooding detection cable, when the power is turned on, the indicator light display green, it is said that power supply is normal

3.   When there is flooding and Conductivity higher than the warning level,the red alarm indicator light will turn on, and it will transmit short-circuit alarm signal to Switch collector.

4.   Flooding lifted, the red light out, and WL-03 is on a state of alert or transmiting open circuit alarm signal(Jumper choice).

5.   According to the state of wet in ground,by rotating the switching knob to adjust the sensitivity of the detector,can be uesd to detect the higher humidity of ground.

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