JS-HP Series Needle Type Probe Water Flood Transmitter Instruction Manual V4.7

I. Product Description

· JS-HP series water immersion transmitter is a probe and transmitter integrated into one of the transmitter, its working principle is: the needle type probe electrode immersed in water resistance changes, signal amplification by the dedicated integrated chip, shaping, comparison, output high and low level or relay alarm signal of the special module.

· It is suitable for communication base stations, precision computer rooms, libraries, hotels, restaurants, warehouses and other places that need to alarm when there is water.

II. Product Features

1. The product has the characteristics of high sensitivity, fast response time, convenient use and easy installation.

2. The product has high reliability, low cost, easy to use in the field;

3. Isolation high: power, input, output three-end isolation design;

III. Technical parameters

1.Power voltage: DC 24V (12V~36V)

2. Working temperature: 0℃~60℃

3.Working humidity:20%RH ~95%RH

4. False alarm rate:＜100ppm

5. Static power consumption: 0.5W

6. Alarm power consumption: 1.2W

7. Output form: relay (load current 100mA)

8. Carrying capacity: Solid state relay ≤100mA

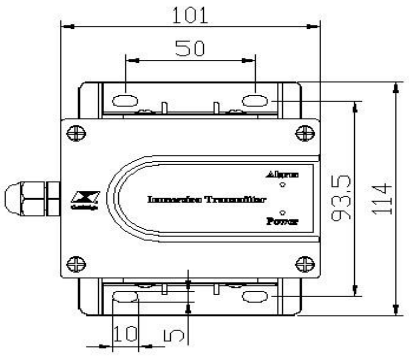
9. Protection level: IP 54

10. Product weight: about 240g

IV. Outline and size drawing

Outline drawing

Size drawing



V. Wiring (The on-site wiring shall be subject to the actual product)

JS-HP-2 Relay output electrical wiring instructions:

Red line: Power +

Black line: Power -

Blue line: COM

White line: NO

Yellow line: NC

VI. Installation method

It is fixed at the measured position using four 5mm long strip mounting holes on both sides.

VII. Selection of type

JS-HP-	Support mounted needle probe water immersion transmitter	
	2	Relay output

VIII. Testing methods

1. Please read this manual carefully before use and make sure the wiring is correct. When DC24V is connected, the green indicator light will be on, indicating that the power supply is normal;

2. When the water flood sensor encounters water, the red alarm light will be on when the conductivity is higher than the upper limit of the alarm, and the short circuit alarm signal (or open circuit alarm signal) will be output by the transmitter; after the water flood is lifted, the red light will be off and the transmitter will be in the alarm state again.

IX. Product repair and maintenance

1. If the transmitter fails, please contact our after-sales service. After confirming the problem, please send the transmitter back to our company for repair with the following information:

·Description of the site environment;

·Fault phenomenon;

2. The transmitter is a precision instrument and should be stored in a dry and ventilated indoor environment, avoiding

direct sunlight. Product cleaning can only use volatile reagents to clean. Avoid using corrosive reagents to clean the transmitter, such as acid, alkaline solvents, household detergents, etc.

X. Points to Note

1. When you receive the product, please check whether the packaging is intact, and check whether the transmitter specifications and the number of flood sensors with your choice of products.

2. When installing the water immersion transmitter, pay attention to adjust the height of the support, and do not attach the probe to the conductor (such as the steel pipe), so as not to cause the transmitter to always be in the alarm state.

3. After the transmitter detects the water leakage alarm, it should be dealt with immediately. The depth of water leakage is strictly forbidden to be higher than the transmitter, resulting in the damage of the transmitter by soaking in water.

4. This product is an electronic product, scrapping will produce environmental pollution, scrapping should follow the national electronic device scrapping related standards.

Packing list:

1.Water flooding transmitter	1 set
3. Instructions for use	1 serving
4. Certificate of Conformity	1 serving