

Rain and Snow Sensor

RS-BS-YK



LIQUID



OVERVIEW

Operation

RS-BS-YK rain and snow sensor is a qualitative measuring device that measures whether it rains or snows outdoors or in nature. It has high sensitivity and an internal automatic heating mode, which can effectively prevent measurement errors caused by freezing on the surface of the sensor in cold weather.

Features

- Simple to use, responsive
- Long term stability
- It senses rain and snow through the spiral metal coil on the top, and has an auto-heating function to avoid surface icing caused by severe cold weather in winter.
- Alarm function
- High-strength ABS waterproof material
- Protection class is IP68
- Corrosion resistance

Application

- Green houses
- Highways or railway tracks
- Weather station
- Meteorological environment monitoring

OPERATING DATA

Storage Environment	-40°C...+80°C
Parameter Configuration	Software setting
Housing	ABS
Enclosure	IP68
Default Modbus Address	01
Support Function Code	03, 06
Heating Temperature	Start ambient <15°C (default) 40°C max (default)

ELECTRICAL DATA

Power Supply	10-30 VDC
Working Power	0.4 W (normal) 2.4 W (heating)
Output Signal	RS 485, relay
Output Relay Load Capa.	250 VAC 1A/30 VDC 1A

TECHNICAL DRAWINGS AND DIMENSIONS

