

**SEM226 Rain and snow detector sensor**
**MAIN FEATURES**

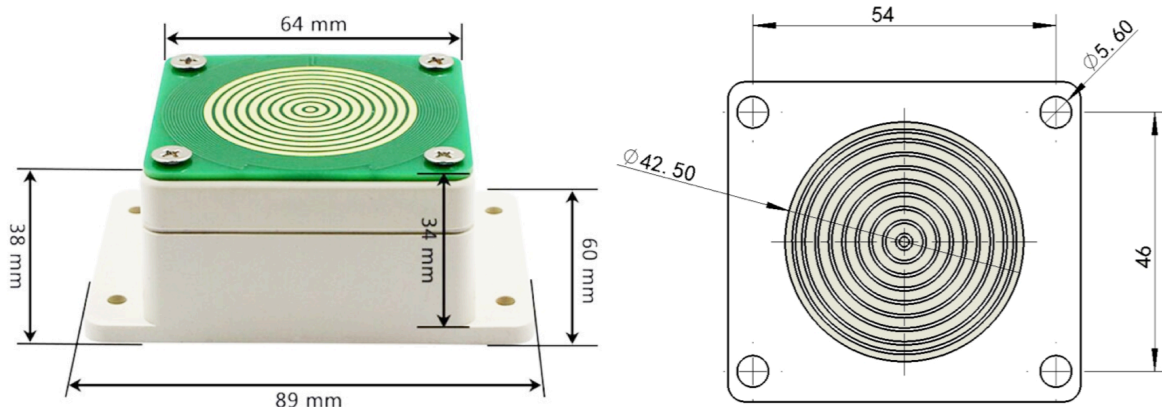
- Alarm and reset delay can be set to avoid frequent on-site alarms;
- Measure whether there is rain or snow, the response time is less than or equal to 0.5S, the sensor sensitivity is adjustable, and the use is more flexible;
- The unique AC measurement technology prevents oxidation reaction of the induction plate and ensures long-term sensitivity;
- A variety of transmission methods are optional, providing 485 mode upload or switch output, which is convenient to realize centralized monitoring;
- Optional automatic heating function to prevent freezing and condensation in occasions below 0 degrees Celsius for a long time and in high humidity environments. The temperature during heating is strictly controlled within 40°C (default) to prevent dry burning and over-oxidation and prolong service life.


**OVERVIEW**

SEM 226 rain and snow sensor is a qualitative measuring device for measuring whether it rains or snows outdoors or in nature. It can be widely used in the qualitative measurement of the presence or absence of rain and snow in the environment, greenhouses, breeding, buildings, buildings, etc. It is safe and reliable, beautiful in appearance, and easy to install.

**SPECIFICATION**

Supply voltage	10~30V DC
Maximum power consumption	Normal power consumption: 0.4W Heating power consumption: 2.4W
Relay load output capacity	AC250V1A / DC30V1A
Maximum heating temperature	40°C
Heating start ambient temperature	< 15°C
Parameter settings	Software settings
Transmitter circuit operating temperature	-20°C~+60°C, 0%RH~80%RH

**DIMENSION**


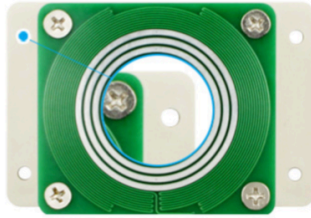
**FEATURES**

• **Product design**



Utilizing the conductive properties of rainwater, it measures whether it is rainy or snowy outdoors or in nature. It is sensitive, safe, and easy to install.

• **Easy to install**



Screw installation, easy installation, versatility, and more conditions.

• **Automatic heating**



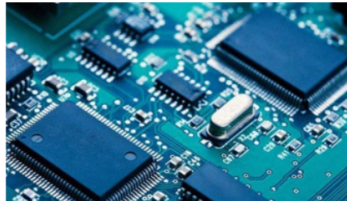
Optional automatic heating function prevents icing and condensation in snowy conditions with long-term temperatures below 0°C and high humidity.

• **Direct lead**



Waterproof design, ip65 waterproof grade, pure copper core shielded wire to avoid signal interference

• **High performance circuit**



Fully automatic robotic welding ensures stable signal stability and long-term reliability.

• **Installation angles**



The equipment is installed at an angle of 15° to the horizontal plane to prevent false alarms caused by long-term detention of rainwater.

**ORDER CODE**

<b>Code:</b>	A	–	B	–	C
<b>SEM</b>	226	–	A	–	W

Model	Code A
Rain and snow sensor	226
Output	Code B
Relay (normally open point) output	A
485 (Modbus-RTU protocol) output	B
485/relay (normally open point) output	C

Heating	Code C
Automatic heating	W
No heating function	N