

RAIN SENSOR

SPECIFICATIONS

The autonomous rain sensor provides on/off information about the presence of water on the sensor element.



CAP0030

Assembly	27mm diameter tube Screw tightening
Cable type	4 x 0.22mm ² conductors
Cable length	10 metres
Detection principle	Resistive
Detection element	Electrode
Power supply	24Vac/Vdc
Consumption	6 VA
Output	Dry contact NO type (0.5A/24V max on resistive load)

CONNECTION

Description	Terminal block
Power supply 24VAC	Yellow
	Red
Dry contact output for rain presence	Blue
	White

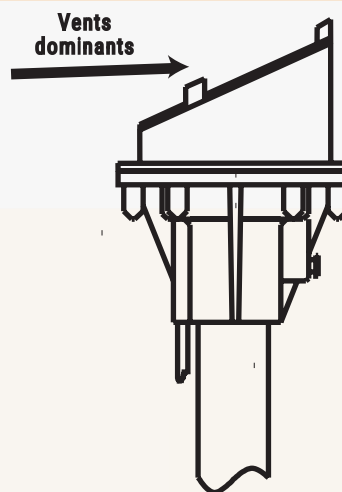
HEATING

The sensor is heated by electric heating elements to quickly detect the absence of rain.

MAINTENANCE

For optimum rain detection, regular cleaning of the sensor surface using clear water and a non-abrasive element is required.

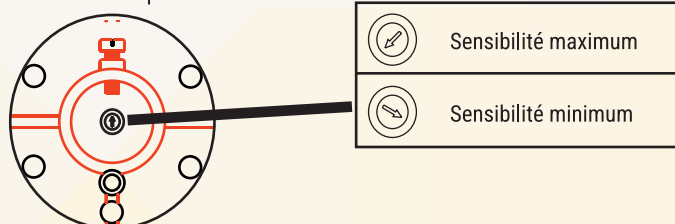
ASSEMBLY



SENSITIVITY SETTING

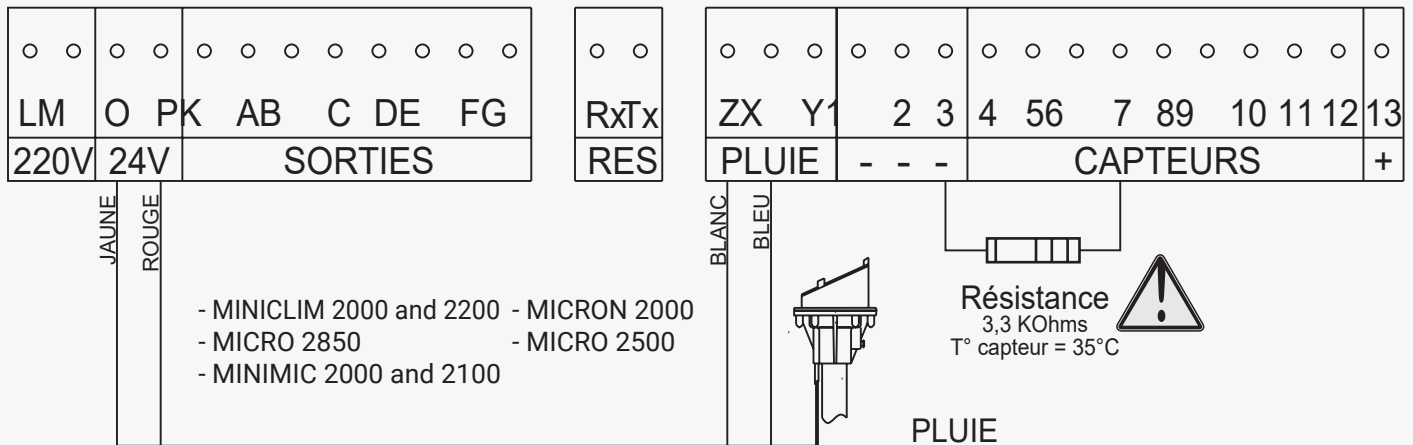
The sensor has a sensitivity adjustment potentiometer:

Dessous du capteur



RAIN SENSOR

CONNECTION TO 2000 RANGE



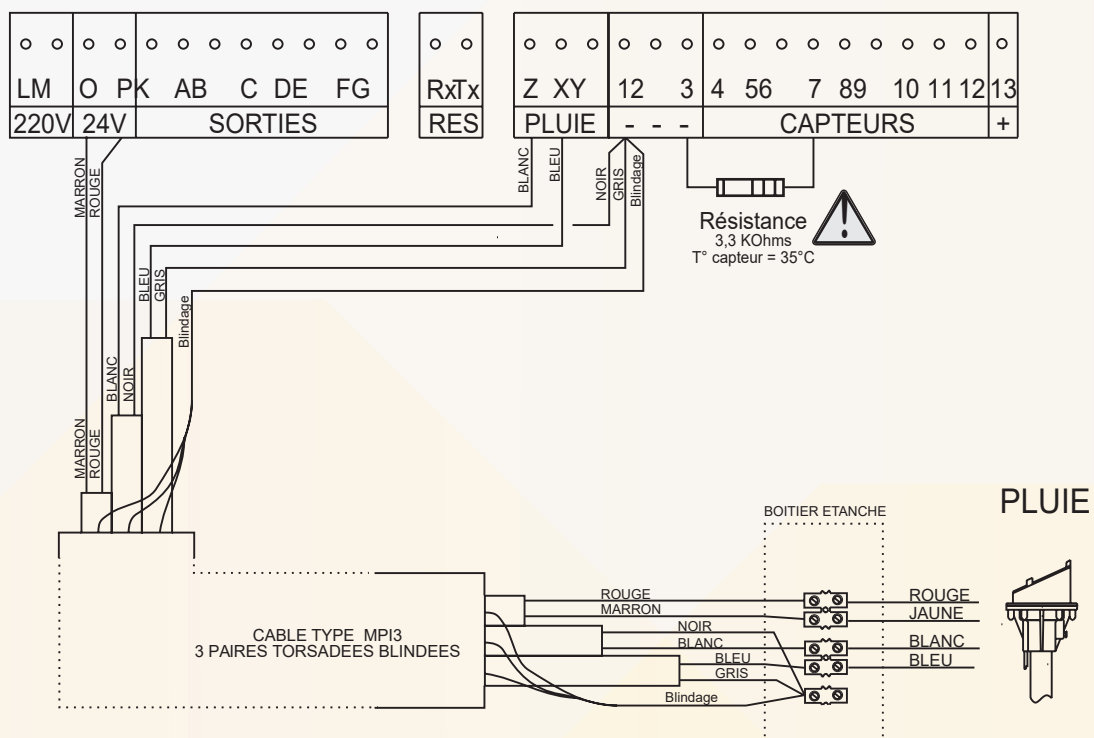
WITH AN EXTENSION LEAD

Wherever possible, we recommend locating weather sensors within 10 m of the regulation unit.

For greater distances, the rain sensor cable must be "extended" using a special cable to limit sensitivity to external interferences.

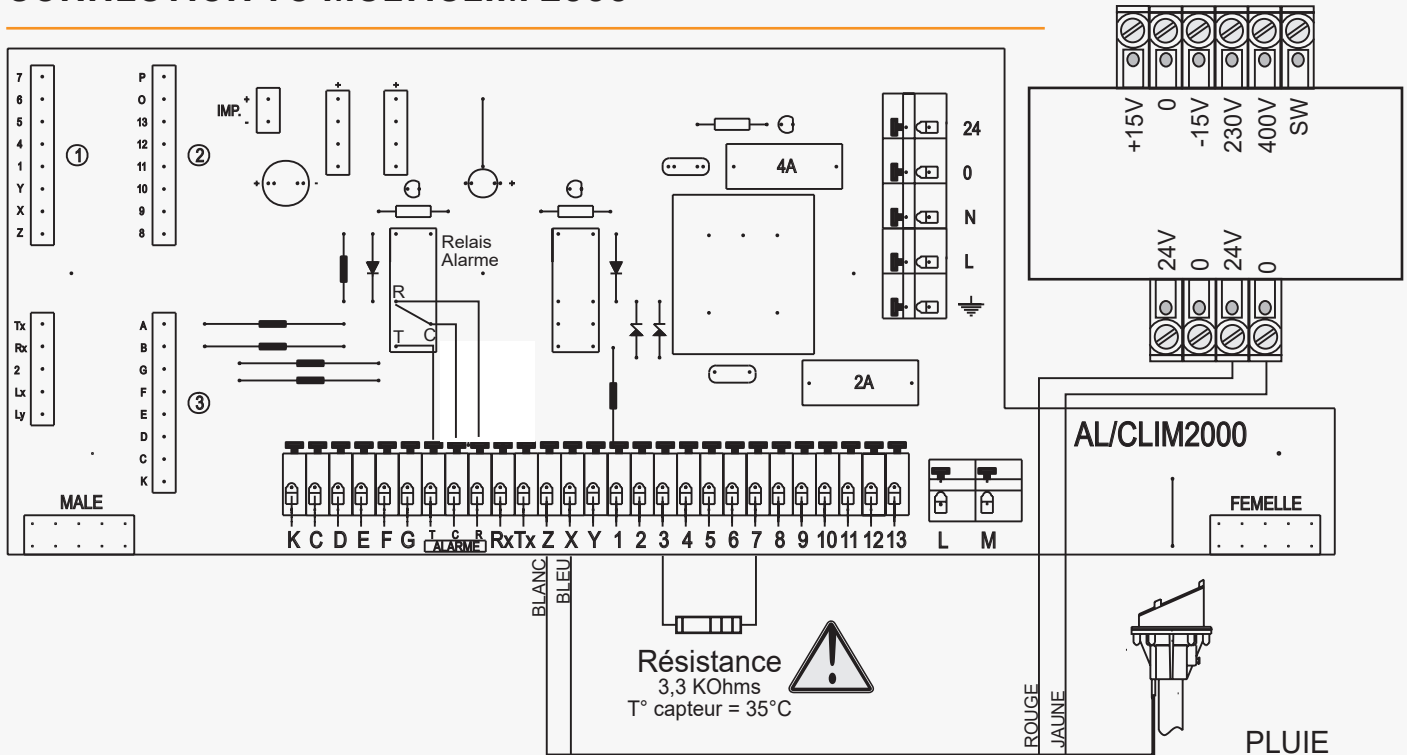
You must then:

1. Use shielded 3-pair twisted cable.
2. Connect the shielding of the pairs to the 0V at both ends of the cable (Micro side and sensor side).
3. Keep the number of junction boxes to a minimum (line losses).
4. Do not run sensor cables close to power cables (at least 50 cm apart).
5. Limit cable length to 50m max.



RAIN SENSOR

CONNECTION TO MULTICLIM 2000



WITH AN EXTENSION LEAD

Wherever possible, we recommend locating weather sensors within 10 m of the regulation unit.

For greater distances, the rain sensor cable must be "extended" using a special cable to limit sensitivity to external interferences.

You must then:

6. Use shielded 3-pair twisted cable.
7. Connect the shielding of the pairs to the 0V at both ends of the cable (Micro side and sensor side).
8. Keep the number of junction boxes to a minimum (line losses).
9. Do not run sensor cables close to power cables (at least 50 cm apart).
10. Limit cable length to 50m max.

