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RES01
Vers. 1.3-1 EN

Rain sensor

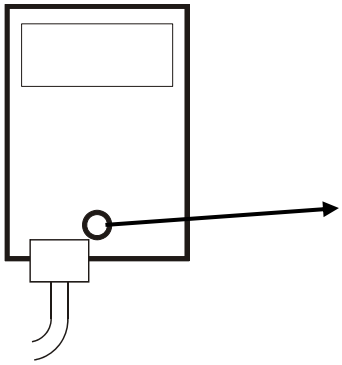
The rain sensor RES01 was invented for regulating tasks controlled by atmospheric conditions (e.g. opening and closing of windows in a conservatory). The integrated measuring amplifier converts the sensor signal to a temperature value. The dry-bulb temperature is about 90°C and may slightly sink due to pollution. The humidity threshold should be defined approx. 20°C below the indicated dry-bulb temperature.

- The output signal essentially corresponds to that of a **KTY** temperature sensor.

  Exceptions:

  - For controllers UVR61-3 from version 5.0 and UVR63H from version 5.0, the signal must be evaluated as a radiation sensor **GBS** (with the incorrect physical unit W, e.g. 900W corresponds to a 90.0°C temperature value).
  - For CAN I/O modules from version 2.00, to achieve a correct evaluation of the signal the sensor type must be set as "RES" (Signal type: dimensionless number without a decimal point, e.g. 900 corresponds to a 90.0°C temperature value).

- Connection to an undefined sensor input of the controller is possible, while observing polarity (**brown = sensor input, blue = earth**)
- Cable length: 2m



Dimensions:
Width: 61 mm, height: 43.5 mm, depth: 15 mm

Mounting:
Drilling of the 5mm hole on the rear side of the sensor

Subject to technical modifications