



Wind sensor



The wind sensor WIS01 is suitable for **wind** speed detection in conjunction with the UVR control units. With this sensor windows can be closed or awnings be rolled up, for instance, at too high wind speeds.

The wind sensor has the following features:

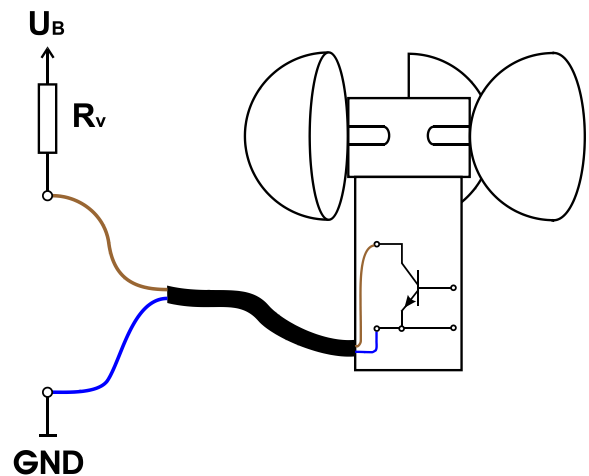
- Measurement of wind speeds of up to 140 km/h with a maximum deviation of 5%
- Signal: Pulse output 5V with 1 Hz per 20 km/h (0.05 Hz per 1 km/h)
- Observe polarity when connecting: **Blue = sensor mass, brown = sensor input**
- Caution: without integrated heating element, thus suitable to a limited extent for measurements in the winter only
- Cable length: 2 m
- The wind sensor WIS01 can be used with the following controllers:
 - UVR16x2
 - UVR1611 from version A2.12
 - UVR61-3 from version 7.6
 - UVR63 from version 1.0

Additional information for the connection of the WIS01 to third party controls:

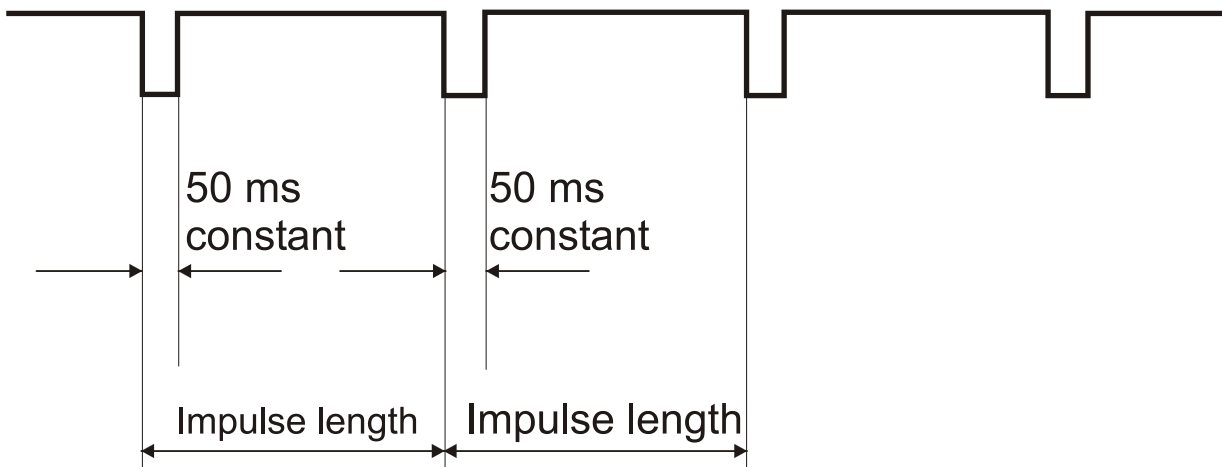
For use of the sensor connected to other controls the following values are to be selected for R_v (according to E12 standard resistor values):

Operating voltage U_B	Pre-resistance R_v
3,3V	1k8 – 2k2
5V	4k7 – 5k1
10V	8k2
12V	10k
24V	22k

The pulse signal voltage is limited internally to no more than 5 V.



Waveform:



Dimensions:

Diameter: 140 mm, height: 50.5 mm

Diameter of the mounting tube of 30 mm