

WTC – WIND SPEED SENSOR

WTC is a sensor designed for measuring wind speed. The sensor is intended to be used as a complement to weather station WSC11 when individual measurements for façades are desired. The measurement value is used in conjunction with solar protection control.



Wind speed sensor WTC.

DELIVERY UNIT

- Sensor
- Connection cable, 12 m
- Aluminum mounting bracket for external wall

TECHNICAL SPECIFICATIONS

General

Wind measurement

Measurement range: 0.5 – 50 m/s,
output signal 0–10V

Accuracy: $\pm 3\%$ of measured value or ± 0.5 m/s

Cabling

12 m data cable LiYCY 5×0.25 mm²

Weight

Sensor: 0.75 kg

Mounting bracket: 0.70 kg

Dimensions

Sensor: Ø135×165 mm

Mounting bracket: 500×200×40×10 mm (Aluminium)

IP Rating

IP55

Electrical system

Power supply

24 VAC

Power consumption

50 mA (Note: The sensor includes a 20 W heating element)