

WIND SENSOR VS 3000

VS 3000 wind sensor is designed for building automation needs of the wind direction and speed measurement.

Wind speed is measured in m /s and direction in degrees. These measurements are converted into voltage signals. The heating of the wind sensor ensures a safe measurement in cold conditions.

NOTE: The red mark on the wind direction sensor should be directed to the north.



Technical data

supply (sensor)	24 Vac / Vdc
ranges	
wind direction	0...359 °
wind speed	0...35 m/s
accuracy	
wind direction	±1 °
wind speed	±1 m/s
outputs	2 x 0...10 Vdc
maximum wind speed	50 m / s
cable length	10 m
diameter of pole	< Ø 50 mm
operating temperature	-35...+70 °C
housing	IP65
weight	2.5 kg
height	about 400 mm

Wiring (cable with numbers):

1 (-)	0...10 Vdc, linear to 0...35 m /s
2 (+)	
3 (-)	0...10 Vdc, linear to 0...359 °
4 (+)	
5 (-)	supply voltage for the heater, 24 Vac / Vac
6 (+)	

Order guide

Model	Product no.	Description
VS 3000	1136040	wind sensor with 2 x 0...10 Vdc output

Products fulfil the requirements of directive 2004/108/EC and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).