DATA SHEET

VR 1000

Produal

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WIND DIRECTION SENSOR VR 1000

VR 1000 wind direction sensor is designed for building automation needs of the wind direction measurement.

Wind direction is measured in degrees. The direction measurement is converted into voltage signal. Heating of the wind direction sensor ensures 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
range	0…359 °
accuracy	±1 °
output	0…10 Vdc
maximum wind speed	50 m / s
cable length	5 m
diameter of pole	up to Ø50 mm
housing	IP65
height	about 220 mm
operating temperature	-35…+70 °C

Wiring (cable with numbers):

1 (-) 2 (+)	Output 0…10 V, linear to 0…359 °
3 (-) 4 (+)	Power supply 24 Vdc (22…26 V), 60 mA

Order guide

Model	Product no.	Description
VR 1000	1136060	wind direction sensor with 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).

Information is subject to change without prior notice.