

## 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).