



WIND SENSORS "ECONOMY"

Wind direction and wind speed



Good orientation...

is provided by these wind measuring sensors proven a thousand times. The dimensionally stable measuring parts, the robust all-metal housing, good starting values and linearity amount to a very good price-performance ratio. Best prerequisites for world-wide applications in any location.

- ▶ good response sensitivity
- ▶ high accuracy across large temperature range
- ▶ 3 output signals
- ▶ simplest installation by means of plug-in connection and fixing with one screw
- ▶ with integrated heating absolutely winter-fit

wind power plants • building services • wind warning devices for cranes • industrial applications • in all climatic zones

Standard Line

Wind Sensors ECONOMY

Id-No.:

Measuring elements:
Measuring range/ Accuracy:
Resolution/ Starting value:
Outputs:

Dimensions:

Measuring principle:
Range of application:
Supply voltage:
Housing:
Weight:
Included in delivery:

Accessories:

32.14565.060 000
32.14565.060 020

(14565 24V) Wind direction 00.14565.200 304

blade wind vane • dimensionally stable
0...360° • ± 3.6°
2.5° • < 0.7 m/s
0...20 mA • max. load 500 Ω
4...20 mA • max. load 500 Ω
3 x 0...10 V_{DC}
wind vane L 195 mm • H 260 mm

(14575 24V) Wind speed 00.14575.200 004

3-armed cup rotor • fail-safe
0.7...35 m/s • ± 2 % FS
0.1 m/s • < 0.7 m/s
0...20 mA = 0...35 m/s • max. load 500 Ω
4...20 mA = 0...35 m/s • max. load 500 Ω
0...700 Hz = 0...35 m/s • max. load 500 Ω
cup rotor Ø 95 mm • H 155 mm

opto-electronical

temperatures -30...+70 °C heated • wind speed 0...60 m/s
10...30 V_{DC} for internal transducer • heating 24 V_{DC}/ 600 mA • electr. controlled
seawater resistant aluminium • anodized • IP 53 • Ø 74 mm • for mounting pipe Ø 50 mm
approx. 0.4 kg

1 plug • 12-pole • when a cable is ordered, the plug is mounted to that

(14565 U60) Cable • 12 m • with 12-pole plug • ready-made
(14565 U60b) Cable • 15 m • with 12-pole plug • ready-made
Indicator units e. g. (1476 Q144N) • (1477 Q144)
Traverses/ Masts and Power supply units