

Combined Wind Transmitter

The cup star revolution is scanned opto-electronically in contact-free and wear-resistant manner. It has an extremely low starting speed.

The position of the wind vane is detected opto-electronically by a code disc. The digital measuring signals are transformed by an internal measuring transformer. The output signals are available as current or voltage signals.

The heating is controlled electronically. A plug connection is situated in the shaft of the instrument. The instrument is mounted preferably onto a mast. All main parts are made of anodised aluminium.

Specification

Part number: 4.3324.32.xxx

Wind speed

Measuring range 0.3 ... 50 m/s for 4.3324.32.0xx
 0.3 ... 60 m/s for 4.3324.32.6xx

Accuracy ± 0.4 m/s or ± 2.5 %

Delay distance 5 m

Wind direction

Measuring range 0 ... 360 °

Resolution 2.5 °

Accuracy ± 1.5 °

Starting value 0.6 m/s at 90 °

Damping ration > 0.3
 acc. to ASTM D 5096-96

Data output analog

Wind speed see models

Wind direction see models

Operating voltage

Electronic see models

Heating 24 V AC/DC, 40 W

General

Ambient temp. -35 ... +80 °C

Electr. connection 7 pol. plug connection

Mounting onto mast tube Ø 1,5"

Protection IP 55

Dimension Ø 800 x 620 mm

Survival speed 60 m/s

Weight 2.8 kg

Mounting Ø 50 x 50 mm

Versions

As per 4.3324.32.xxx, but:

Product number 4.3324.32.040

Wind speed

Measuring range 0.3 ... 50 m/s

Data output analog

Wind speed 0 ... 20 mA

Wind direction 0 mA ... 20 mA

Operating voltage

Electronic 12 ... 28 V DC

Product number 4.3324.32.041

Wind speed

Measuring range 0.3 ... 50 m/s

Data output analog

Wind speed 4 ... 20 mA

Wind direction 4 ... 20 mA

Operating voltage

Electronic 12 ... 28 V DC

Product number 4.3324.32.061

Wind speed

Measuring range 0.3 ... 50 m/s

Data output analog

Wind speed 0 ... 10 V

Wind direction 0 ... 10 V

Operating voltage

Electronic 12 ... 28 V DC

Product number 4.3324.32.073

Wind speed

Measuring range 0.3 ... 50 m/s

Data output analog

Wind speed 0 ... 5 V

Wind direction 0 ... 5 V

Operating voltage

Electronic 8 ... 28 V DC

Product number 4.3324.32.640

Wind speed

Measuring range 0.3 ... 60 m/s

Data output analog

Wind speed 0 ... 20 mA

Wind direction 0 ... 20 mA

Operating voltage

Electronic 12 ... 28 V DC

Product number 4.3324.32.641

Wind speed

Measuring range 0.3 ... 60 m/s

Data output analog

Wind speed 4 ... 20 mA

Wind direction 4 ... 20 mA

Operating voltage

Electronic 12 ... 28 V DC

Product number 4.3324.32.661

Wind speed

Measuring range 0.3 ... 60 m/s

Data output analog

Wind speed 0 ... 10 V

Wind direction 0 ... 10 V

Operating voltage

Electronic 12 ... 28 V DC

Product number 4.3324.32.673

Wind speed

Measuring range 0.3 ... 60 m/s

Data output analog

Wind speed 0 ... 5 V

Wind direction 0 ... 5 V

Operating voltage

Electronic 8 ... 28 V DC

Accessories

No accessories are available for this product.

