

# WIND MEASURING TECHNOLOGY

## Combined Wind Transmitter

**Part number: 4.3324.32.xxx**

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**

<b>Wind speed</b>	
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
<b>Wind direction</b>	
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
<b>Data output analog</b>	
Wind speed	see models
Wind direction	see models
<b>Operating voltage</b>	
Electronic	see models

Heating	24 V AC/DC, 40 W
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#### 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
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##### Data output analog

Wind speed	0 ... 20 mA
Wind direction	0 mA ... 20 mA

##### Operating voltage

Electronic	12 ... 28 V DC
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#### Product number 4.3324.32.041

##### Wind speed

Measuring range	0.3 ... 50 m/s
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##### Data output analog

Wind speed	4 ... 20 mA
Wind direction	4 ... 20 mA

##### Operating voltage

Electronic	12 ... 28 V DC
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#### Product number 4.3324.32.061

##### Wind speed

Measuring range	0.3 ... 50 m/s
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#### Data output analog

Wind speed	0 ... 10 V
Wind direction	0 ... 10 V

#### Operating voltage

Electronic	12 ... 28 V DC
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#### Product number 4.3324.32.073

#### Wind speed

Measuring range	0.3 ... 50 m/s
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#### Data output analog

Wind speed	0 ... 5 V
Wind direction	0 ... 5 V

#### Operating voltage

Electronic	8 ... 28 V DC
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#### Product number 4.3324.32.640

#### Wind speed

Measuring range	0.3 ... 60 m/s
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#### Data output analog

Wind speed	0 ... 20 mA
Wind direction	0 ... 20 mA

#### Operating voltage

Electronic	12 ... 28 V DC
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#### Product number 4.3324.32.641

#### Wind speed

Measuring range	0.3 ... 60 m/s
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#### Data output analog

Wind speed	4 ... 20 mA
Wind direction	4 ... 20 mA

#### Operating voltage

Electronic	12 ... 28 V DC
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#### Product number 4.3324.32.661

#### Wind speed

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Measuring range	0.3 ... 60 m/s
<b>Data output analog</b>	
Wind speed	0 ... 10 V
Wind direction	0 ... 10 V
<b>Operating voltage</b>	
Electronic	12 ... 28 V DC

**Product number 4.3324.32.673**

<b>Wind speed</b>	
Measuring range	0.3 ... 60 m/s
<b>Data output analog</b>	
Wind speed	0 ... 5 V
Wind direction	0 ... 5 V
<b>Operating voltage</b>	
Electronic	8 ... 28 V DC

## Accessories

No accessories are available for this product.