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: 4.3324.32.001

Wind speed	
Measuring range	0.3 ... 50 m/s
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 ASTMD 5096-96
Data output digital	
Wind speed	0 ... 1042 Hz
Wind direction	8 bit gray code (parallel)
Operating voltage	
Electronic	3.3 ... 28 V DC
Heating	24 V AC/DC, 40 W
General	
Ambient temp.	-35 ... +80 °C
Electr. connection	19 pol. plug connection
Mounting	onto mast tube Ø 1,5``
Protection	IP 55
Dimension	Ø 800 x 620 mm

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Survival speed	60 m/s
Weight	2.8 kg
Mounting	Ø 50 x 50 mm

Versions

No other versions of this product are available.

Accessories

No accessories are available for this product.

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