

WIND

Wind Direction Transmitter "First Class"

Part number: 4.3151.00.401

Special characters are a defined and optimised, dynamic behaviour as well as:

- High measurement accuracy and resolution
- High damping with small distance constant
- Low starting value
- Low power consumption
- Simple mounting

The measuring value is available at the output as digital signal. The output signal can be transmitted to display instruments, recording instruments, data loggers as well as to process control systems.

Characteristic:

The WD transmitter can acquire the WS signals of 4.335x.x.000, and add the parameter wind speed to its serial data telegram



Specification

Part number: 4.3151.00.401

Wind direction

Measuring range	0 ° ... 360 °
Resolution	0.1 °
Accuracy	±1 °
Starting value	< 0.5 m/s at 10 ° acc. to ASTM D 5096-96 < 0.2 m/s at 90 ° acc. to VDI3786 page 2
Distance constant	< 1.8 m acc. to ASTM D 5096-96
Damping ration	> 0.3 acc. to ASTM D 5096-96

Data output digital

Interface	RS485
Baudrate	1200 ... 57600 Baud
Protocol	Modbus RTU

Operating voltage

Electronic	3.3 ... 42V DC
Current consumption	0.5 mA without data query 1.0 mA with data query
Heating	24 V AC/DC, 25 W

General

Ambient temp.	-50 ... +80 °C, all occurring situations of rel. humidity
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Electr. connection	8 pol. plug connection
Mounting	onto mast tube Ø 1 ``
Material	aluminium anodised, stainless steel
Protection	IP 55
Dimension	Ø 450 x 410 mm
Weight	0.7 kg
Fixing boring	Ø 35 x 25 mm

Versions

No other versions of this product are available.

Accessories

No accessories are available for this product.

