

MISCELLANEOUS DEVICES

Wind Display LED

Part number: 4.3251.xx.0xx

Indicates the wind direction in a circle of 72 LED luminous bars, and the speed by 7-segment-

LEDs. Ship version with direction circle divided in red and green LED's according to port side and starboard.

Display of WS:

- instantaneous value

Display options of the WD:

- instantaneous value or delayed
- or
- instantaneous value and variation
- or
- delayed and variation

When using a suitable sensor electronics the display of the “true” wind values is possible.

A built-in RS-422-interface facilitates the connection of other wind indicators LED.

Suitable wind transmitters:

- 4.3303.22.000 / 008
- 4.3125.32(33).100/101
- 4.3336.31(32).001
- 4.3820.xx.xxx



Specification

Part number: 4.3251.xx.0xx

Data output digital

Data telegram	LED - Standard ULTRASONIC NMEA 0, NMEA 1
Output type	1x RS422 / RS485

Data input digital

Wind speed	0 ... 1600 Hz or RS 422
Wind direction	Thies-serial-synchronous or RS422

Operating voltage

Electronic	230 V / 50 Hz or 24 V AC or 12 ... 35 V DC
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General

Ambient temp.	-10 ... +50 °C
Electr. connection	screw terminal
Mounting	switch panel mounting
Protection	IP 23
Dimension	144 x 144 x 135 mm
Weight	1.5 kg

Data display

Wind velocity	0 ... 99,9 / 0 ... 999 m/s or kt or km/h or Bft
Wind direction	0° ... 180° ... 0° 0 ... 360°
Resolution wind speed	0.1 / 1
Resolution wind direction	5°

Versions

As per 4.3251.xx.0xx, but:

Product number 4.3251.00.001

Interface

Type	1 x wind interface 6 x RS 422 in- and outputs
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Product number 4.3251.00.002

Interface

Type	1 x wind interface 6 x RS 422 in- and outputs 1 x input for air temperature sensor 1 x input for rel. humidity sensor
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Product number 4.3251.01.001

Interface

Type	1 x wind interface 6 x RS 422 in- and outputs
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Operating voltage

Electronic	115 V / 50Hz or 24 V AC or 12 ... 35 V DC
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Product number 4.3251.01.002

Interface

Type	1 x wind interface 6 x RS 422 in- and outputs 1 x input for air temperature sensor 1 x input for rel. humidity sensor
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Operating voltage

Electronic	115 V / 50Hz or 24 V AC or 12 ... 35 V DC
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Accessories

No accessories are available for this product.

