

# Compact Wind Sensors

*Wind Speed Transmitter Compact / Wind Direction Transmitter Compact*

The sensors are aimed for use in building technology systems, in industrial and wind power plants, in environmental protection - everywhere where precise weather data must be determined and converted for control technology purposes.



*Wind Speed Transmitter Compact*

*Wind Direction Transmitter Compact*



Horizontal wind velocity with frequency output [active signal]



Horizontal wind direction with digital output signal [Gray-code]



Made of anodised aluminium and plastic



Threaded pin PG 21 with 2 nuts for mounting



Universally compatible with other systems

## Wind Speed Transmitter Compact

### Wind speed

Measuring range	0.5 to 50 m/s
Resolution	< 0.1 m/s
Accuracy	±3 % of meas. value or ± 0.5 m/s

### Data output digital

Frequency	2 to 573 Hz
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### Operating voltage

Electronic	10 to 28 V DC
Current consumption	20 mA
Heating	24 V AC / DC, max 20 W

**General**

<b>Ambient temperature</b>	-40 to +70 °C
<b>Protection</b>	IP 55

**General** Product number 4.3518.00.000

<b>Electr. connection</b>	5 m cable, LiYCY 5 x 0.25 mm <sup>2</sup>
<b>Dimension</b>	diameter 135 mm x 165 mm
<b>Weight</b>	0.75 kg

**General** Product number 4.3518.00.700

<b>Electr. connection</b>	7 - pole plug
<b>Dimension</b>	diameter 135 x 225 mm
<b>Weight</b>	0.75 kg

**Wind Direction Transmitter Compact****Wind direction**

<b>Measuring range</b>	0 - 360 °
<b>Resolution</b>	90°; 45°; 22.5°
<b>Accuracy</b>	±5°

**Data output digital**

<b>Output type</b>	2; 3; 4-bit gray-code
<b>Electr. output</b>	open collector (source)

**Operating voltage**

<b>Electronic</b>	10 to 28 V DC
<b>Heating</b>	24 V AC / DC, max 20 W

**General**

<b>Ambient temperature</b>	-30 °C to +70 °C
<b>Electr. connection</b>	5 m cable LiYCY 6 x 0.25 mm <sup>2</sup>
<b>Protection</b>	IP 55
<b>Dimension</b>	diameter 330 mm x 220 mm
<b>Weight</b>	0.6 kg

**Operating voltage** Product number 4.3128.10.000

<b>Heating</b>	without heating
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