

## WIND

### Wind Transmitter compact

**Part number: 4.3519.40.000**

Measuring transmitter for the measurement of the horizontal wind velocity with frequency output (active signal). Suitable for data loggers.

The cup-star consists of plastic, the housing is made of anodised aluminium and plastic. The instrument has a threaded pin PG 21 with 2 nuts for mounting.

For the more difficult use in the high mountains or at other critical sites, where icing might be expected frequently, the wind transmitters can be equipped with a reinforced heating.

Please contact us for the required model, order-no., and availability.



### Specification

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Wind speed	
Measuring range	0.5 ... 50 m/s
Resolution	< 0.1 m/s
Accuracy	±3 % of meas. value or ± 0.5 m/s
Data output digital	
Frequency	2 ... 630 Hz
Operating voltage	
Electronic	3.3 ... 42 V DC
Current consumption	< 1 mA
Heating	24 V AC/DC, max 60 W
General	
Ambient temp.	-40 ... +70 °C
Electr. connection	12 m cable, LiyCY 5 x 0.5 mm <sup>2</sup>
Protection	IP 55
Dimension	Ø 135 x 165 mm
Weight	0.75 kg





### Versions

No other versions of this product are available.

### Accessories

Product	Product name	Brief description
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	<b>Traverse compact for wall mounting</b> 4.3171.2x.000	<p>For storefront mounting of a measuring value transmitter.</p> <table border="1"> <tr> <td colspan="2"><b>General</b></td> </tr> <tr> <td>Material</td> <td>Aluminium</td> </tr> </table>	<b>General</b>		Material	Aluminium										
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	<b>Traverse for Wind Transmitters Compact</b> 4.3171.3x.000	<p>For mounting the wind transmitter and wind direction transmitter jointly onto a mast.</p> <table border="1"> <tr> <td colspan="2"><b>Material</b></td> </tr> <tr> <td>Traverse</td> <td>aluminium (AlMgSi0.5)</td> </tr> <tr> <td>Gripping clamb</td> <td>stainless steel</td> </tr> <tr> <td colspan="2"><b>General</b></td> </tr> <tr> <td>Sensor distance horizontal</td> <td>0.8 m</td> </tr> <tr> <td>Weight</td> <td>0.35 kg</td> </tr> <tr> <td>Fixing boring</td> <td>hole Ø 29 mm</td> </tr> </table>	<b>Material</b>		Traverse	aluminium (AlMgSi0.5)	Gripping clamb	stainless steel	<b>General</b>		Sensor distance horizontal	0.8 m	Weight	0.35 kg	Fixing boring	hole Ø 29 mm
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	<b>Traverse short for Wind Transmitters Compact</b> 4.3171.4x.000	<p>For mounting one wind transmitter or wind direction transmitter at a mast.</p> <table border="1"> <tr> <td colspan="2"><b>Material</b></td> </tr> <tr> <td>Traverse</td> <td>aluminium (AlMgSi0.5)</td> </tr> <tr> <td>Gripping clamb</td> <td>stainless steel</td> </tr> <tr> <td colspan="2"><b>General</b></td> </tr> <tr> <td>Sensor distance horizontal</td> <td>0.4 m</td> </tr> <tr> <td>Weight</td> <td>0.3 kg</td> </tr> <tr> <td>Fixing boring</td> <td>hole Ø 29 mm</td> </tr> </table>	<b>Material</b>		Traverse	aluminium (AlMgSi0.5)	Gripping clamb	stainless steel	<b>General</b>		Sensor distance horizontal	0.4 m	Weight	0.3 kg	Fixing boring	hole Ø 29 mm
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	<b>Holder compact</b> 506347	<p>The holder serves for the mounting of a wind transmitter, Compact-type, onto an instrument carrier or mast.</p> <table border="1"> <tr> <td colspan="2"><b>General</b></td> </tr> <tr> <td>Mounting</td> <td>for mast tubes Ø 35 ... 50 mm</td> </tr> <tr> <td>Material</td> <td>stainless steel (V2A)</td> </tr> <tr> <td>Dimension</td> <td>80 x 150 mm</td> </tr> <tr> <td>Weight</td> <td>0.35 kg</td> </tr> <tr> <td>Fixing boring</td> <td>hole Ø 32.5 mm</td> </tr> </table>	<b>General</b>		Mounting	for mast tubes Ø 35 ... 50 mm	Material	stainless steel (V2A)	Dimension	80 x 150 mm	Weight	0.35 kg	Fixing boring	hole Ø 32.5 mm		
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