

## WIND

### Wind Transmitter compact

**Part number: 4.3519.40.xxx**

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.

Measuring transmitter for the measurement of the horizontal wind velocity with analog output. 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.



### Specification

**Part number: 4.3519.40.xxx**

<b>Wind speed</b>	
Measuring range	see model
Resolution	< 0.1 m/s
Accuracy	±3 % of meas. value or ± 0.5 m/s
<b>Operating voltage</b>	
Current consumption	50 mA
Heating	24 V AC/DC, max 60 W
<b>General</b>	
Ambient temp.	-40 ... +70 °C
Electr. connection	12 m cable, LiyCY 5 x 0.5 mm <sup>2</sup>
Protection	IP 55

### Versions

As per 4.3519.40.xxx, but:

**Product number 4.3519.40.141**

<b>Wind speed</b>	
Measuring range	0.5 ... 50 m/s
<b>Data output analog</b>	
Wind speed	4 ... 20 mA
Stromausgang	max. 500
<b>Operating voltage</b>	



Electronic	13 ... 30 V DC or 24 V AC
------------	------------------------------

**General**

Dimension	Ø 135 x 165 mm
Weight	0.75 kg

**Product number 4.3519.40.741**

**Wind speed**

Measuring range	0.5 ... 50 m/s
-----------------	----------------

**Data output analog**

Wind speed	4 ... 20 mA
Stromausgang	max. 500

**Operating voltage**

Electronic	13 ... 30 V DC or 24 V AC
------------	------------------------------

**General**

Dimension	Ø 135 x 225 mm
Weight	0.4 kg

**Product number 4.3519.40.761**

**Wind speed**

Measuring range	0.5 ... 50 m/s
-----------------	----------------

**Data output analog**

Wind speed	0 ... 10 V
Stromausgang	min. 1 k


**Operating voltage**

Electronic	13 ... 30 V DC or 24 V AC
------------	------------------------------




**General**

Dimension	Ø 135 x 225 mm
Weight	0.4 kg

## Accessories

Product	Product name	Brief description
	Traverse compact for wall mounting 4.3171.2x.000	For storefront mounting of a measuring value transmitter.
	<b>General</b>	
	Material	Aluminium



	<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
<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															
	<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
<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															
	<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		
<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															

