

## WIND

### Wind Direction Transmitter Compact

**Part number: 4.3129.80.xxx**

Measuring transmitter for the measurement of the horizontal wind direction with serial output signal. The wind vane consists of fibre-glass reinforced, 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

**Part number: 4.3129.80.xxx**

Wind direction	
Measuring range	0 ... 360 °
Resolution	0.4 °
Accuracy	±2 °
Operating voltage	
Electronic	8 ... 30 V DC or 24 V AC
Heating	24 V AC/DC, max 60 W
General	
Ambient temp.	-30 ... +70 °C
Electr. connection	12 m cable LiYCY 6 x 0.5 mm <sup>2</sup>
Protection	IP 55

### Versions

As per 4.3129.80.xxx, but:

**Product number 4.3129.80.141**

Data output analog	
Stromausgang	max. 500
Wind direction	4 ... 20 mA
Operating voltage	

Electronic	> 12 V DC or 24 V AC
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<b>General</b>	
Electr. connection	12 m cable LiYCY 6 x 0.25 mm <sup>2</sup>
Dimension	Ø 330 x 220 mm
Weight	1.1 kg

**Product number 4.3129.80.741**

<b>Data output analog</b>	
Stromausgang	max. 500
Wind direction	4 ... 20 mA

<b>Operating voltage</b>	
Electronic	> 12 V DC or 24 V AC

<b>General</b>	
Electr. connection	7 pol. plug
Dimension	Ø 330 x 270 mm
Weight	0.4 kg

**Product number 4.3129.80.761**

<b>Data output analog</b>	
Wind direction	0 ... 10 V
Voltage output	min. 1000

<b>Operating voltage</b>	
Electronic	> 12 V DC or 24 V AC


<b>General</b>	
Electr. connection	7 pol. plug
Dimension	Ø 330 x 270 mm
Weight	0.4 kg




**Product number 4.3129.80.773**

<b>Data output analog</b>	
Wind direction	0 ... 5 V
Voltage output	min. 1000

<b>General</b>	
Electr. connection	7 pol. plug
Dimension	Ø 330 x 270 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
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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 40 ... 80 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 40 ... 80 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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