

# Wind Direction Transmitter Compact

**Part number: 4.3129.00.712**  
Measuring transmitter for the measurement of the horizontal wind direction with Potentiometer-output. 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.



## Specification

<b>Part number: 4.3129.00.712</b>	
<b>Wind direction</b>	
Measuring range	0 ... 360 °
Resolution	0.5 °
Accuracy	±2 °
<b>Data output analog</b>	
Wind direction	0 ... 2 kê
<b>Operating voltage</b>	
Electronic	0 ... 24 V DC max. load 1 mA
Heating	24 V AC/DC, max 20 W
<b>General</b>	
Ambient temp.	-40 ... +70 °C
Electr. connection	7 - pole plug
Protection	IP 55
Dimension	Ø 330 x 270 mm
Weight	0.4 kg

## Versions




As per 4.3129.00.712, but:

Product number 4.3129.10.712

Operating voltage

Heating	without heating
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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
	Traverse for Wind Transmitters Compact 4.3171.3x.000	For mounting the wind transmitter and wind direction transmitter jointly onto a mast.	
		<b>Material</b>	
		Traverse	aluminium (AlMgSi0.5)
		Gripping clamb	stainless steel
		<b>General</b>	
		Sensor distance horizontal	0.8 m
		Weight	0.35 kg
		Mounting	hole Ø 29 mm
	Traverse short for Wind Transmitters Compact 4.3171.4x.000	For mounting one wind transmitter or wind direction transmitter at a mast.	
		<b>Material</b>	
		Traverse	aluminium (AlMgSi0.5)
		Gripping clamb	stainless steel
		<b>General</b>	
		Sensor distance horizontal	0.4 m
		Weight	0.3 kg
		Mounting	hole Ø 29 mm



Geovane  
4.3190.00.900

The product set combines the precise wind vanes from Thies CLIMA with the advanced Geovane from Kintech Engineering. The Geovane uses GPS and the sun position to automatically determine the exact north direction 1° accurate. This combination ensures the highest accuracy of wind direction against the geographic north point as a reference.

- Geovane for automatic north correction
- 1° precise wind vanes from Thies CLIMA
- Wind vane and geovane are preconfigured
- Ideal e.g. for site surveys, power curve monitoring and meteorology

Wind direction

Measuring range	0 ... 380 °
Resolution	0.06° RS-485 0.11° Analog voltage outputs 0.06... 0.16° Frequency output
Accuracy	1°

Miscellaneous

Electrical input	0 ... 30 V
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Operating voltage

Electronic	6 ... 12 V DC
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General

Ambient temp.	-25 ... +85 °C
Mounting	Onto mast tube Ø34mm
Protection	IP 67
Measuring time	1, 5, 10, 30, 60 seconds
Weight	0,815 kg



Holder compact  
506347

The holder serves for the mounting of a wind transmitter, Compact-type, onto an instrument carrier or mast.

General

Mounting	for mast tubes Ø 35 ... 50 mm
Material	stainless steel (V2A)
Dimension	80 x 150 mm
Weight	0.35 kg
Mounting	hole Ø 32.5 mm