

Wind Direction Transmitter Compact

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: 4.3129.80.000

Wind direction

Measuring range	0 ... 360 °
Resolution	2.5 °
Accuracy	±5 °

Data output digital

Output type	8-bit serial synchron
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Operating voltage

Electronic	3.3 ... 30 V DC
Current consumption	1 mA
Heating	24 V AC/DC, max 60 W


General

Ambient temp.	-50 ... +70 °C
Electr. connection	12 m cable LiYCY 6 x 0.5 mm ²
Protection	IP 55
Dimension	Ø 330 x 220 mm
Weight	1.1 kg

Versions

No other versions of this product are available.

Accessories

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



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

Operating voltage

Electronic 6 ... 12 V DC

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

