

WIND MEASURING TECHNOLOGY

Wind Direction Transmitter Compact

Part number: 4.3129.00.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.



Specification

Part number: 4.3129.00.xxx

Wind direction

Measuring range	0 ... 360 °
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Resolution	11.25 °
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Accuracy	±5 °
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Operating voltage

Electronic	8 ... 30 V DC or 24 V AC
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Heating	24 V AC/DC, max 20 W
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General

Ambient temp.	-40 ... +70 °C
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Electr. connection	12 m cable LiYCY 6 x 0.25 mm ²
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Protection	IP 55
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Versions

As per 4.3129.00.xxx, but:

Product number 4.3129.00.140

Data output analog

Stromausgang	max. 500
Wind direction	0 ... 20 mA
Operating voltage	
Electronic	> 15 V DC or 24 V AC
General	
Electr. connection	12 m cable LiYCY 6 x 0.25 mm ²
Dimension	Ø 330 x 220 mm
Weight	1.1 kg

Product number 4.3129.00.141

Data output analog

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

Operating voltage

Electronic	> 15 V DC or 24 V AC
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General

Electr. connection	12 m cable LiYCY 6 x 0.25 mm ²
Dimension	Ø 330 x 220 mm
Weight	1.1 kg

Product number 4.3129.00.161

Data output analog

Wind direction	0 ... 10 V
Voltage output	min. 1000

Operating voltage

Electronic	> 15 V DC or 24 V AC
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General

Electr. connection	12 m cable LiYCY 6 x 0.25 mm ²
Dimension	Ø 330 x 220 mm
Weight	1.1 kg

Product number 4.3129.00.167

Data output analog

Wind direction	0 ... 2 V
Voltage output	min. 1000

General

Electr. connection	12 m cable LiYCY 6 x 0.25 mm ²
Dimension	Ø 330 x 220 mm
Weight	1.1 kg

Product number 4.3129.00.173

Data output analog

Wind direction	0 ... 5 V
Voltage output	min. 1000

General

Electr. connection	12 m cable LiYCY 6 x 0.25 mm ²
Dimension	Ø 330 x 220 mm
Weight	1.1 kg

Product number 4.3129.00.740

Data output analog

Stromausgang	max. 500
Wind direction	0 ... 20 mA

Operating voltage

Electronic	> 15 V DC or 24 V AC
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General

Electr. connection	7 pol. plug
Dimension	Ø 330 x 270 mm
Weight	0.4 kg

Product number 4.3129.00.741

Data output analog

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

Operating voltage

Electronic	> 15 V DC or 24 V AC
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General

Electr. connection	7 pol. plug
Dimension	Ø 330 x 270 mm
Weight	0.4 kg

Product number 4.3129.00.761
Data output analog

Wind direction	0 ... 10 V
Voltage output	min. 1000

Operating voltage

Electronic	> 15 V DC or 24 V AC
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General

Electr. connection	7 pol. plug
Dimension	Ø 330 x 270 mm
Weight	0.4 kg

Product number 4.3129.00.767
Data output analog

Wind direction	0 ... 2 V
Voltage output	min. 1000

General

Electr. connection	7 pol. plug
Dimension	Ø 330 x 270 mm
Weight	0.4 kg

Product number 4.3129.00.773
Data output analog

Wind direction	0 ... 5 V
Voltage output	min. 1000

General

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. General <table border="1"> <tr> <td>Material</td> <td>Aluminium</td> </tr> </table>	Material	Aluminium								
Material	Aluminium											
	Traverse for Wind Transmitters Compact 4.3171.3x.000	For mounting the wind transmitter and wind direction transmitter jointly onto a mast. Material <table border="1"> <tr> <td>Traverse</td> <td>aluminium (AlMgSi0.5)</td> </tr> <tr> <td>Gripping clamb</td> <td>stainless steel</td> </tr> </table> General <table border="1"> <tr> <td>Sensor distance horizontal</td> <td>0.8 m</td> </tr> <tr> <td>Weight</td> <td>0.35 kg</td> </tr> <tr> <td>Mounting</td> <td>hole Ø 29 mm</td> </tr> </table>	Traverse	aluminium (AlMgSi0.5)	Gripping clamb	stainless steel	Sensor distance horizontal	0.8 m	Weight	0.35 kg	Mounting	hole Ø 29 mm
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Gripping clamb	stainless steel											
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. Material <table border="1"> <tr> <td>Traverse</td> <td>aluminium (AlMgSi0.5)</td> </tr> <tr> <td>Gripping clamb</td> <td>stainless steel</td> </tr> </table> General <table border="1"> <tr> <td>Sensor distance horizontal</td> <td>0.4 m</td> </tr> <tr> <td>Weight</td> <td>0.3 kg</td> </tr> <tr> <td>Mounting</td> <td>hole Ø 29 mm</td> </tr> </table>	Traverse	aluminium (AlMgSi0.5)	Gripping clamb	stainless steel	Sensor distance horizontal	0.4 m	Weight	0.3 kg	Mounting	hole Ø 29 mm
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Gripping clamb	stainless steel											
Sensor distance horizontal	0.4 m											
Weight	0.3 kg											
Mounting	hole Ø 29 mm											



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

