

PRECIPITATION MEASURING TECHNOLOGY

Wind Transmitter compact

Part number: 4.3519.00.x00

Measuring transmitter for the measurement of the horizontal wind velocity with frequency output (active signal). 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: 4.3519.00.x00	
Wind speed	
Measuring range	0.5 ... 50 m/s
Resolution	0.1 m/s
Accuracy	±3 % of meas. value or ± 0.5 m/s
Data output digital	
Frequency	2 Hz ... 630 Hz
Operating voltage	
Electronic	3.3 V ... 42 V DC
Current consumption	1 mA
Heating	24 V AC/DC, max 20 W
General	
Ambient temp.	-40 ... +70 °C
Protection	IP 55

Versions

As per 4.3519.00.x00, but:


Product number 4.3619.00.000
Operating voltage




Heating	24 V AC/DC, max 20 W
<b>General</b>	
Electr. connection	12 m cable, LiyCY 5 x 0.25 mm²
Dimension	Ø 135 x 165 mm
Weight	0.75 kg

<b>Product number 4.3519.00.700</b>	
<b>General</b>	
Electr. connection	7- pole plug
Dimension	Ø 135 x 225 mm
Weight	0.4 kg

<b>Product number 4.3519.00.000</b>	
<b>General</b>	
Electr. connection	12 m cable, LiyCY 5 x 0.25 mm²
Dimension	Ø 135 x 165 mm
Weight	0.75 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

	<p>Traverse for Wind Transmitters Compact 4.3171.3x.000</p>	<p>For mounting the wind transmitter and wind direction transmitter jointly onto a mast.</p> <table><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>Mounting</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	Mounting	hole Ø 29 mm
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	<p>Traverse short for Wind Transmitters Compact 4.3171.4x.000</p>	<p>For mounting one wind transmitter or wind direction transmitter at a mast.</p> <table><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>Mounting</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	Mounting	hole Ø 29 mm
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	<p>Holder compact 506347</p>	<p>The holder serves for the mounting of a wind transmitter, Compact-type, onto an instrument carrier or mast.</p> <table><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>Mounting</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	Mounting	hole Ø 32.5 mm		
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