

Wind Transmitter compact

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.

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

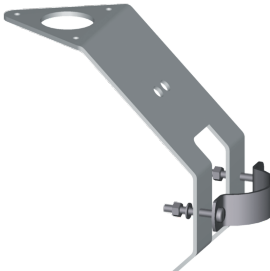
Part number: 4.3519.40.000	
Wind speed	
Measuring range	0.5 ... 50 m/s
Resolution	0.1 m/s
Accuracy	±3 % of meas. value or ± 0.5 m/s
Data output digital	
Frequency	2 ... 630 Hz
Operating voltage	
Electronic	3.3 ... 42 V DC
Current consumption	1 mA
Heating	24 V AC/DC, max 60 W
General	
Ambient temp.	-40 ... +70 °C
Electr. connection	12 m cable, LiyCY 5 x 0.5 mm²
Protection	IP 55
Dimension	Ø 135 x 165 mm
Weight	0.75 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

	Traverse for Wind Transmitters Compact 4.3171.3x.000	For mounting the wind transmitter and wind direction transmitter jointly onto a mast. Material <table><tr><td>Traverse</td><td>aluminium (AlMgSi0.5)</td></tr><tr><td>Gripping clamb</td><td>stainless steel</td></tr></table> General <table><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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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><tr><td>Traverse</td><td>aluminium (AlMgSi0.5)</td></tr><tr><td>Gripping clamb</td><td>stainless steel</td></tr></table> General <table><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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	Holder compact 506347	The holder serves for the mounting of a wind transmitter, Compact-type, onto an instrument carrier or mast. General <table><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>	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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