

WIND MEASURING TECHNOLOGY

Wind Transmitter compact

Part number: 4.3518.00.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: 4.3518.00.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 ... 573 Hz
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Operating voltage

Electronic	10 ... 28 V DC
Current consumption	20 mA
Heating	24 V AC/DC, max 20 W

General

Ambient temp.	-40 ... +70 °C
Protection	IP 55

Versions

As per 4.3518.00.x00, but:

Product number 4.3518.00.000

General



Electr. connection	5 m cable, LiyCY 5 x 0.25 mm ²
Dimension	Ø 135 x 165 mm
Weight	0.75 kg

Product number 4.3518.00.700

General

Electr. connection	7 - pole plug
Dimension	Ø 135 x 225 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. 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

Traverse	aluminium (AlMgSi0.5)
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Gripping clamb	stainless steel
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General

Sensor distance horizontal	0.4 m
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Weight	0.3 kg
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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

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