

WIND MEASURING TECHNOLOGY

Wind Transmitter compact

Part number: 4.3519.00.xxx

Measuring transmitter for the measurement of the horizontal wind velocity with analog output. 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.xxx

Wind speed

Measuring range	see model
Resolution	0.1 m/s
Accuracy	±3 % of meas. value or ± 0.5 m/s

Operating voltage

Current consumption	50 mA
Heating	24 V AC/DC, max 20 W

General

Ambient temp.	-40 ... +70 °C
Electr. connection	12 m cable, LiyCY 5 x 0.25 mm ²
Protection	IP 55

Versions

As per 4.3519.00.xxx, but:

Product number 4.3519.00.140

Wind speed

Measuring range	0.5 ... 50 m/s
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Data output analog

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

Operating voltage

Electronic	13 ... 30 V DC or 24 V AC
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General

Electr. connection	12 m cable, LiyCY 5 x 0.25 mm ²
Dimension	Ø 135 x 165 mm
Weight	0.75 kg

Product number 4.3519.00.141
Wind speed

Measuring range	0.5 ... 50 m/s
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Data output analog

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

Operating voltage

Electronic	13 ... 30 V DC or 24 V AC
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General

Electr. connection	12 m cable, LiyCY 5 x 0.25 mm ²
Dimension	Ø 135 x 165 mm
Weight	0.75 kg

Product number 4.3519.00.161
Wind speed

Measuring range	0.5 ... 50 m/s
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Data output analog

Wind speed	0 ... 10 V
Stromausgang	min. 1 k

Operating voltage

Electronic	13 ... 30 V DC or 24 V AC
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General

Electr. connection	12 m cable, LijCY 5 x 0.25 mm ²
Dimension	Ø 135 x 165 mm
Weight	0.75 kg

Product number 4.3519.00.167
Wind speed

Measuring range	0.5 ... 50 m/s
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Data output analog

Wind speed	0 ... 2 V
Stromausgang	min. 1 k

Operating voltage

Electronic	9 ... 30 V DC or 24 V AC
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General

Electr. connection	12 m cable, LijCY 5 x 0.25 mm ²
Dimension	Ø 135 x 165 mm
Weight	0.75 kg

Product number 4.3519.00.173
Wind speed

Measuring range	0.5 ... 50 m/s
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Data output analog

Wind speed	0 ... 5 V
Stromausgang	min. 1 k

Operating voltage

Electronic	9 ... 30 V DC or 24 V AC
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General

Electr. connection	12 m cable, LijCY 5 x 0.25 mm ²
Dimension	Ø 135 x 165 mm
Weight	0.75 kg

Product number 4.3519.00.740

Wind speed

Measuring range	0.5 ... 50 m/s
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Data output analog

Wind speed	0 ... 20 mA
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Stromausgang	max. 500 ê
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Operating voltage

Electronic	13 ... 30 V DC or 24 V AC
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General

Electr. connection	7- pole plug
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Dimension	Ø 135 x 225 mm
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Weight	0.4 kg
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Product number 4.3519.00.741
Wind speed

Measuring range	0 ... 50 m/s
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Data output analog

Wind speed	4 ... 20 mA
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Stromausgang	max. 500 ê
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Operating voltage

Electronic	13 ... 30 V DC or 24 V AC
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General

Electr. connection	7- pole plug
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Dimension	Ø 135 x 225 mm
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Weight	0.4 kg
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Product number 4.3519.00.761
Wind speed

Measuring range	0.5 ... 50 m/s
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Data output analog

Wind speed	0 ... 10 V
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Stromausgang	min. 1 kê
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Operating voltage

Electronic	13 ... 30 V DC or 24 V AC
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General

Electr. connection	7- pole plug
Dimension	Ø 135 x 225 mm
Weight	0.4 kg

Product number 4.3519.00.773

Wind speed

Measuring range	0.5 ... 50 m/s
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Data output analog

Wind speed	0 ... 5 V
Stromausgang	min. 1 kê


Operating voltage

Electronic	9 ... 30 V DC or 24 V AC
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General

Electr. connection	7- pole plug
Dimension	Ø 135 x 225 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	
		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	
Traverse	aluminium (AlMgSi0.5)
Gripping clamb	stainless steel
General	
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)
Gripping clamb	stainless steel
General	
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