

WIND

Wind Transmitter compact

Part number: 4.3519.40.xxx

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.

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: 4.3519.40.xxx

Wind speed	
Measuring range	0.5 ... 50 m/s
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 60 W
General	
Ambient temp.	-40 ... +70 °C
Electr. connection	12 m cable, LiyCY 5 x 0.5 mm ²
Protection	IP 55

Versions

As per 4.3519.40.xxx, but:

Product number 4.3519.40.141

Data output analog	
Wind speed	4 ... 20 mA (0 ... 50 m/s)
Stromausgang	max. 500
Operating voltage	
Electronic	13 ... 30 V DC or 24 V AC

General

Dimension	Ø 135 x 165 mm
Weight	0.75 kg

Product number 4.3519.40.741
Data output analog

Wind speed	4 ... 20 mA (0 ... 50 m/s)
Stromausgang	max. 500

Operating voltage

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

Dimension	Ø 135 x 225 mm
Weight	0.4 kg

Product number 4.3519.40.761
Data output analog

Wind speed	0 ... 10 V (0 ... 50 m/s)
Stromausgang	min. 1 k



Operating voltage



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

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 Fixing boring hole Ø 29 mm

	<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>
Material		
Traverse		aluminium (AlMgSi0.5)
Gripping clamb		stainless steel
General		
Sensor distance horizontal		0.4 m
Weight		0.3 kg
Fixing boring		hole Ø 29 mm
	<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>
General		
Mounting		for mast tubes Ø 40 ... 80 mm
Material		stainless steel (V2A)
Dimension		80 x 150 mm
Weight		0.35 kg
Fixing boring		hole Ø 32.5 mm

