

# Wind Compact

## Model Brief Description

### Wind Velocity Transmitters

#### Wind Transmitter Compact

- Frequency output

Measuring transmitter for the wind velocity with frequency output (open collector). 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.



#### Wind Transmitter Compact

- Low Power Instrument with frequency output

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.



#### Wind Transmitter Compact

- Analogue output

Measuring transmitter for the measurement of the horizontal wind speed with analogue output signals. 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.



## Order No.

4.3518.00.000  
4.3520.00.000  
4.3520.10.000

4.3519.00.000

4.3519.00.xxx

.140

.141

.161

.167

.173

## Technical Data

With heating	open collector sink
With heating	open collector source
W/o heating	open collector source
Measuring range	0.5-50 m/s
Accuracy	±3% of meas. value or ±0.5 m/s
Resolution	< 0.1 m/s
Electr. output	2-573 Hz
Operating voltage	10-28 V DC
Current supply	20 mA
Heating	max. 20 W; 24 V AC/DC
Ambient temp.	-40 ... +70 °C
Connection	5 m cable, LiYCY 5 x 0.25 mm <sup>2</sup>
Dimensions	Ø 135 x 165 mm
Protection	IP 55
Weight	0.4 kg

Measuring range	0.5-50 m/s
Accuracy	±3% of meas. value or ±0.5 m/s
Resolution	< 0.1 m/s
Electr. output	2-630 Hz
Operating voltage	3.3-42 V DC
Current consumpt.	< 1 mA
Heating	max. 20 W; 24 V AC/DC
Ambient temp.	-40 ... +70 °C
Connection	12 m cable, LiYCY 5 x 0.25 mm <sup>2</sup>
Dimensions	Ø 135 x 165 mm
Protection	IP 55
Weight	0.75 kg

Electr. output	Load (at with operat. volt.)
0-20 mA	max. 500 Ω ; (> 13 V DC)
4-20 mA	max. 500 Ω ; (> 13 V DC)
0-10 V	min. 1 kΩ
0-2 V	min. 1 kΩ
0-5 V	min. 1 kΩ
Measuring range	0.5-50 m/s
Accuracy	±3% of meas. value or ±0.5 m/s
Resolution	< 0.1 m/s
Operating voltage	9-30 V DC or 24 V AC for 0-10 V output.
Current consumption	50 mA
Heating	max. 20 W; 24 V AC/DC
Ambient temp.	-40 ... +70 °C
Connection	12 m cable, LiYCY 6 x 0.25 mm <sup>2</sup>
Dimensions	Ø 135 x 165 mm
Protection	IP 55
Weight	0.75 kg

# Wind Compact

## Model Brief Description

### Wind Transmitter Compact

- Model with plug connection

Model like 4.3518.00.000  
and 4.3519.00.000/1xx  
however with implemented  
plug instead of connected  
cable.

## Order No.

4.3518.00.700  
4.3519.00.700  
4.3519.00.740  
4.3519.00.741  
4.3519.00.761

## Technical Data

Connection	7-pole plug
Dimensions	
Height (with plug)	225 mm
Cup star	Ø 135 mm
Housing	Ø 50 mm
Weight	0.4 kg

