

Wind Classic

Description

Wind Speed Transmitters

Wind Transmitter

The wind transmitters is designed for the direction-independent measurement of the horizontal air-flow.

The wind transmitter is equipped with a contact-free opto-electronic scanner, which causes an extremely low starting speed. At the output the measuring value is available as digital signal.

The heating is electronically controlled. A plug-connection is situated in the shaft of the instrument. The instrument is mounted preferably onto a mast or traverse. All essential parts are made of anodised aluminium, and are additionally varnished.

Wind Transmitter

This wind transmitter is designed for high wind speeds.

Wind Transmitter

The wind transmitter is equipped with a contact-free opto-electronic scanner. A connected electronics converts the speed-dependent frequency into an analogue output signal.

Wind Transmitter

This wind transmitter is equipped with a DC-generator which produces a d.c-voltage with the rotation of the cup star. It is able to operate a respective display instrument directly (without current supply).

Order-No.

4.3303.22.xxx
.000
.007

4.3303.22.0xx
008
018

4.3303.22.xxx
.0xx
.6xx
.x40
.x41
.x60
.x61
.x73

4.3105.22.000

Technical Data

Meas. range 0.3 ... 50 m/s
Electr. output 3 ... 1042 Hz (live zero)
(for datalogger) 3 ... 1042 Hz (no live zero)
Load max. 60 m/s
Delay distance 5 m
Accuracy $\pm 0.3 \text{ m/s} / \pm 2\%$ of m.v.
Operating voltage Electronics 4...18 V DC
Heating 24 V AC/DC ; 20 W

General

Ambient temp. -35 ... +80°C
Electr. connection with x.xxxx.xx.000 5-pole plug connection
with x.xxxx.xx.007 7-pole plug connection
Mounting onto mast tube 1 1/2"
Fixing boring $\varnothing 50 \times 50 \text{ mm}$
Dimensions $\varnothing 315 \times 230 \text{ mm}$
Protection IP 55
Weight 1 kg

Meas. range 0.5 ... 75 m/s
Electr. output 0 ... 754 Hz (live zero)
0 ... 754 Hz (no live zero)
Accuracy $\pm 0.5 \text{ m/s} / \pm 2\%$ of m.v.
Operating voltage Electronics 4...18 V DC
Heating 24 V AC/DC ; 20 W
Electr. connection 5-pole plug connection

Meas. range 0,3 ... 50 m/s
0,3 ... 60 m/s
Electr. output 0 ... 20 mA
4 ... 20 mA
0 ... 1 V
0 ... 10 V
0 ... 5 V
Accuracy $\pm 0,4 \text{ m/s} / \pm 2,5\%$ v. Mw.
Operating voltage Electronics 15...24 V DC
Heating 24 V AC/DC ; 20 W
Electr. connection 5-pole plug connection

Meas. range 0.5 ... 35 m/s
Electr. output 0 ... 4.67 mA DC, linear $R_a = 400 \Omega$
Load max. 60 m/s
Accuracy $\pm 0.5 \text{ m/s} / \pm 2\%$ v. Mw.
Heating 24 V AC/DC; 20 W
Electr. connection 5-pole plug connection

