

WIND MEASURING TECHNOLOGY

Wind Direction Transmitter Classic

Part number: 4.3125.33.xxx

The wind direction transmitter is equipped with a contact-free scanning system which causes an extremely low starting speed, and operates in wear-resistant manner. The digital measuring signals are transformed by an internal measuring transformer. The output is available as analogue current- or voltage signal.



Specification

Part number: 4.3125.33.xxx

Wind direction

Measuring range	0 ... 360 °
Resolution	0.35 °
Accuracy	± 1.5 °
Starting value	0.6 m/s at 90°
Damping ration	> 0.3 acc. to ASTM D 5096-96

Data output analog

Wind direction	see models
----------------	------------

Operating voltage

Electronic	see models
Potent. / Elektronik	0 ... 12 V DC, max 1.5 W
Heating	24 V AC/DC, 20 W

General

Ambient temp.	-35 ... +80 °C
Electr. connection	5 pol. plug connection
Mounting	onto mast tube Ø 1,5''

Protection	IP 55
Dimension	Ø 850 x 415 mm
Survival speed	60 m/s
Weight	1.8 kg
Mounting	Ø 50 x 50 mm

Versions

As per 4.3125.33.xxx, but:

Product number 4.3125.33.040

Data output analog

Wind direction	0 ... 20 mA
----------------	-------------

Operating voltage

Electronic	8 ... 28 V DC
Current consumption	appr. 30 mA + lout

Product number 4.3125.33.041

Data output analog

Wind direction	4 ... 20 mA
----------------	-------------

Operating voltage

Electronic	15 ... 28 V DC
Current consumption	appr. 30 mA + lout

Product number 4.3125.33.060

Data output analog

Wind direction	0 ... 1 V
----------------	-----------

Operating voltage

Electronic	5 ... 28 V DC
Current consumption	appr. 30 mA

Product number 4.3125.33.061

Data output analog

Wind direction	0 ... 10 V
----------------	------------

Operating voltage

Electronic	15 ... 28 V DC
------------	----------------

Current consumption	appr. 30 mA
---------------------	-------------

Product number 4.3125.33.073

Data output analog

Wind direction	0 ... 1 V
----------------	-----------

Operating voltage

Electronic	8 ... 28 V DC
------------	---------------

Current consumption	appr. 30 mA
---------------------	-------------

Accessories

No accessories are available for this product.