



Data sheet

Meteo probe for wind speed

Type: **f.555.1.18**
Part no: **95.0146**

Velocity measurement

Probe:	cup star anemometer with plastic case
Principle:	alternator with two precision ball bearings
Measuring range:	2.5 – 210 km/h
Output signal:	0 – 2.1 V VDC (1 V = 100 km/h)
Terminal resistance:	100 kΩ
Signal transmission:	VDC
Accuracy:	+/- 0,3 m/s + +/- 5 % rdg by 20° C
Onset speed:	approx. 0,7 m/s
Max. speed:	60 m/s
Supply, (smoothed):	not necessary (alternator)

General

Over voltage protection:	not included
Material operating temperatur:	-30° - +65° C
Dimensions:	see drawing
Weight of turning part:	approx. 15 g
Total weight:	approx. 80 g
Connection:	shielded PVC-cable, length 15 m
Mounting:	pipe clamp A4 by screw M12

Whilst every effort has been made to ensure the accuracy of this specification, we cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

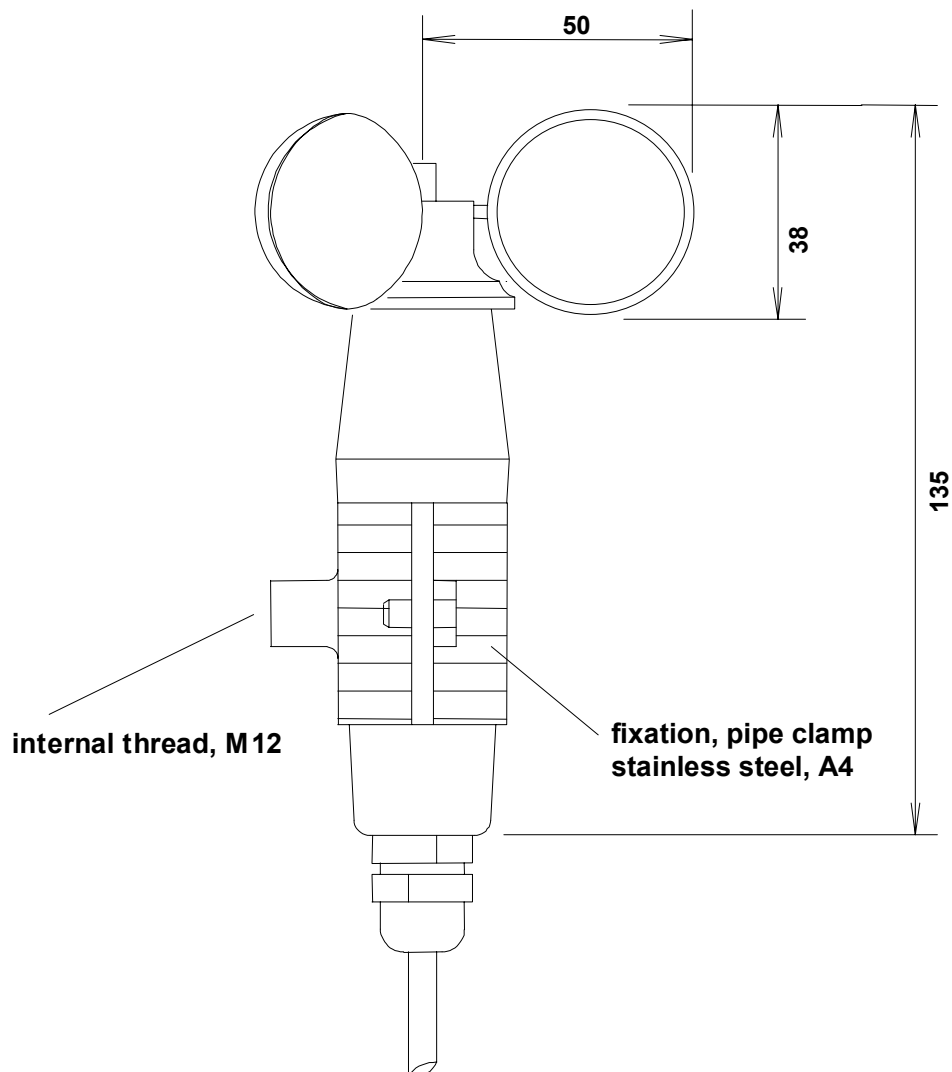
For pricing or any further information, please contact Omni Instruments Ltd.

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210 km/h

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