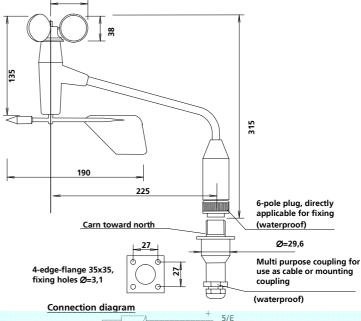


Type: f.566.24.29 Part-No.: 93.0584





## **Velocity measurement**

cup star anemometer with aluminium case

Principle: alternator
Measuring range: 0,7 ... 40 m/s
Output signal: 4 – 20 mA
Signal transmission: 2-wire system
Accuracy: ± 0,3 m/s + ±2 % rdg
Onset speed: approx. 0,7 m/s
Supply (smoothed): 9V ... 26 VDC

# Wind speed i signal 1/A 2/B Direction i signal 4/D Heating Additional signal Add

Thermostat 2

# Recommended cable:

- shielded - section: 0,5 mm²

- shielded - section: 1,5 mm²

### Direction

Windflag

Principle: precision potentiometer Measuring range: precision potentiometer 0 ... 360°

Measuring range: $0 \dots 360^{\circ}$ Output signal:4 - 20 mASignal transmission:2-wire systemLinearity: $\pm 1 \%$ 

Onset speed: approx. 0,5 m/s
Switch over point: North (N-E-S-W-N)

Dead angle:  $3^{\circ} \pm 1^{\circ}$  Supply (smoothed):  $9V \dots 26 \text{ VDC}$ 

### Heating

 Supply:
 24 ... 48 VDC

 Power output:
 15 W or 60 W

 Thermostat 1:
 5 ... 13 °C

 Thermostat 2:
 50 °C

### General

Over voltage protection:

Material operating temperature:

Dimensions:

Weight of turning part:

Transzorber

-30° - +65° C

see drawing

approx. 15 g

Total weight:

approx. 350 g

Connection: 6-pole screwed Cannon plug Mounting: 6-pole Cannon socket

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



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