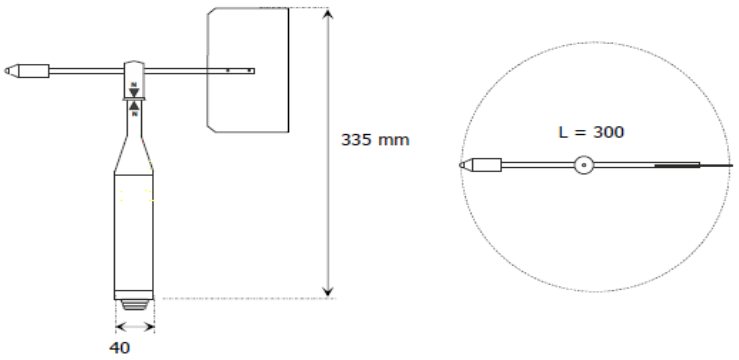
TECHNICAL FEATURES

- ✓ Type of sensor: Vane with high resolution magnetic encoder;
- ✓ Typical range: 0-360° full range;
- ✓ Sensitivity: 0.21 m/s;
- ✓ Accuracy: +/-0,3°% F.S. 20°C;
- ✓ Output signal: 0-2 DC, 4-20 mA;
- ✓ Power supply: 10.8-30 V DC;
- ✓ Consumption: <0.1 W;
- ✓ Operating conditions: from 0 to +70°C;
- ✓ Material: aluminium and stainless steel;
- ✓ Weight: 460 gr.

The wind direction measuring sensor (Gonio-anemometer), is made up of highly reliable and long lasting materials which maintain for long time their sensitivity and precision features. Its mechanical strength allows the sensor to resist strong wind and sudden gusts (up to 300km/h).
A special magnetic encoder provides the highest resolution and precision, eliminating any mechanical friction in a 360° angle of full operation.
Electrical output is normalized in voltage or current (4÷20mA o 0÷2Vdc). The sensor is produced according to WMO standard.

The static characteristics of the wind direction sensors are measured through a goniometric system and a calibration software, to compare the angle measured by the sensor with the fixed position of the certified goniometer.



DIMENSIONS	
Total height	335 mm
Total width	300 mm

CE product compliant with European directives

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company quality management system certified according to UNI EN ISO9001:2015