

# CUP-ANEMOMETER

Wind speed



**A mighty midget...**  
that's the compact, inexpensive anemometer. The cup rotor axis is mounted on precision ball bearings. As a result, the exclusively wind powered rotor moves in a smooth and exact operation. The DC signal generator transforms this movement into reliable electronic output signals.

- small and light
- very good price/performance ratio
- seawater proof aluminum
- fail-save synthetic cup rotor
- no auxiliary energy required
- year-round operation

- green houses ● building services ● [wind warning devices](#) ● building equipment
- yachts ● sports facilities ● aquatics facilities

Standard Line	(1457 S2) Wind Speed Sensor	Id-No. 00.14572.105 000
Measuring element:	3-armed cup rotor with DC measuring generator	
Measuring range:	0...35 m/s	
Accuracy:	± 2% FS	
Resolution:	0.1 m/s	
Range of application:	temperatures -35...+70°C no icing ● wind speed 0...60 m/s	
Starting value:	1 m/s	
Output:	0...1 mA/ 0...1 V at 0...35 m/s ● $R_a = 2000 \Omega$	
Housing:	aluminium · anodized · IP 53 · with mounting strap	
Dimensions/ Weight:	cup rotor Ø 95 mm · H 146 mm · 0.7 kg	
Included in delivery:	cable · 5 m · ready-made	
Accessories:	<b>Indicator units</b> e. g. (1477 Q144) <a href="#">see page 86.</a>	

