

Anemometer with pulse output

Ver 1.3

NAME	Anemometer	
PRODUCT	Vane anemometer with heater	
REFERENCE STANDARD	IEC 61400-12-1	
Output	pulse	
Application	<ul style="list-style-type: none"> • Environmental Monitoring • PV trackers • Meteorology 	
Measured quantities	Wind speed	0 ÷ 45 m/s (0 ÷ 160 km/h)
	Internal temperature	no
Calibration	Individual comparison with sample instrument	
Output	1 pulse per revolution, equal to 1.4m/s. (← approximate; see calibration sheet)	
Precision	Wind speed	± 4.5%
	Internal temperature	--
Threshold	0,3 ÷ 0,5 m/s	
Supply	8 ÷ 24 Vdc protected against reverse polarity Power consumption < 10 mW without heater 2000 mW with heater	
IP Grade	IP65	
Operating humidity	0 ÷ 95% RH	
Case	Aluminum with 3 screws fixing for direct mounting on poles up to Ø 36mm	
Cable	L= 3 m; loose pins=3	
Dimensions - mm	Body: 260h x 44 Øext; 36 Øint ; Cups: 160 Ø ← diameter in rotation	
Weight	250 gr	
Option	Thermoregulator with anti-icing heater	

