Anemometer with pulse output

Ver 1.3

NAME **PRODUCT** **REFERENCE STANDARD** **OUTPUT**	**Anemometer** **Cup Anemometer with heater** IEC 61400-12-1 pulse	
Application	• Environmental Monitoring • PV trackers • Meteorology	
Measured quantities	Wind speed	0 ÷ 50 m/s (0 ÷ 180 km/h)
	Internal temperature	no
Calibration	**Individual** comparison with sample instrument	
Output	2 pulses 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	9 ÷ 28 Vdc protected against reverse polarity Power consumption < 10 mW without heater 2000 mW with heater	
IP code	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: 223h x 44 Øext; 36 Øint ; Cups: 166 Ø ← diameter in rotation	
Weight	250 gr	
Option	Thermoregulator with anti-icing heater	