



# WIND SENSOR "ARCO-SERIAL"

Wind direction and wind speed

## The robust combined sensor.

The sensors of the ARCO family are very robust, compact and extremely reliable. Due to their shock and vibration proof construction the sensors ARCO-SERIAL are particularly qualified for use under severe environmental conditions. The housing and the measuring elements are made of seawater resistant aluminium alloys. The housing, the cup rotor and the wind vane are anodised.

- ▶ qualitatively ambitious and cost-effective solution
- ▶ reliable wind measurement, including under extreme weather conditions
- ▶ seawater resistant materials and surface finishes for long-life application, including under harsh conditions
- ▶ quick and easy pipe mounting, connection with just one cable

Applications:  
robust industry applications



Professional Line	Wind Sensor ARCO-SERIAL	Id.-No. 00.14581.010010
Meas. range wind direction:	0...360°	
Meas. range wind speed:	0.3...75 m/s	
Accuracy wind direction:	± 1°	
Accuracy wind speed:	± 2 % FS at 0.3...50 m/s	
Resolution wind direction:	1°	
Resolution wind speed:	< 0.1 m/s	
Range of application:	temperature -30...+70 °C heated wind speed 0...80 m/s 0...100 % r. h.	
Wind sensors with heating:	2 x 9 W	
Output:	serial RS 422, NMEA 0183 - Talker	
Supply voltage sensor:	(10...28 V DC) , 24 V DC 50 mA (at 24 V DC)	
Supply voltage heating:	(20...28 V DC), 24 V DC, 800 mA	
Housing:	made of anodized seawater resistant aluminium, stainless steel	