

ARCO-SERIAL WIND SENSOR



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

Also with Modbus or customised protocols realisable!

APPLICATIONS

- robust industry applications

Professional Line	ARCO-SERIAL Wind sensor
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
Output	serial RS 422, NMEA 0183 - Talker
Range of application	temperature -30 ... +70 °C • wind speed 0...80 m/s • 0...100 % r. h.
Supply voltage	Sensor: (10...28 V DC), 24 V DC, 50 mA (at V DC) • Heating: (20 ...28 V DC), 24 V DC, 800 mA
Housing	made of anodized seawater resistant aluminium, stainless steel

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