

Wind sensors MAX40+ and DIR21+ Version with integrated 4-20 mA transducer

The output current is standard 4...20 mA , two wire (loop-powered) system.

The Industry Standard output currents are highly immune to electromagnetic fields over large cable distances.

The transducer is standard built in the sensor housing.

APPLICATIONS:

Measure and control systems for e.g.: energy management, building automation, wind energy, meteorology, environmental technology, PC instrumentation, datalogging, PLC control, etc.

SPECIFICATIONS:

output	: 4...20 mA, 2 wire system
range wind speed (MAX40+)	: 0 - 50 m/s (on request other range)
range wind direction (DIR21+)	: 0 – appr 356 degr.
power supply	: 8..36 V DC (serial in current loop; one power supply required)
accuracy	: Meets the requirements of WMO and IEA *)
- wind speed	: typ. 0.2 m/s ($V > 1$ m/s)
- wind dir.	: < 5 degr. (using windvane type DIR 86)
input/output	: overvoltage protected (solid state)
operating temp range humidity	: - 40 to + 85 C
	: up to 100 % Without condensation

OPTIONS:

- * cable: twisted pairs shielded cable
- * power supply: professional AC/DC adaptor
- * sensor mounting for mounting windvane DIR21+ and anemometer MAX 40+
- * wind-alarm unit 252-PBB (setpoint with adjustable switch level and delay)

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WMO: The World Meteorological Organisation

IEA: The International Energy Agency

