



WIND SENSORS "INDUSTRY Modbus"

Wind direction and wind speed

Very economical

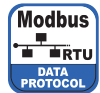
This wind pair is of a special nature and very economical in acquisition.

Furthermore, these sensors impress with high accuracy, simplest mounting methods and ultimately robust, seawater-proof materials.

The Modbus RTU interface simplifies sensor installation and integration into networks.

- precision, tradition and future reliability
- large operative measuring and temperature range
- simplest mast mounting
- very good starting values through magnetic, contactless measuring principle

professional meteorological applications • building automation • photovoltaic systems • industrial meteorology



Standard Line

Wind Sensors INDUSTRY Modbus

	Wind direction Id-No. 00.14567.110030	Wind speed Id-No. 00.14577.110030
Measuring elements:	blade wind vane • dimensionally stable	3-armed cup rotor • break-proof
Measuring range:	0...360°	0.7...50 m/s
Accuracy:	2°	0.5 m/s at 0.7...5 m/s and 2 % FS at 5.02...50 m/s
Resolution/ Starting value:	2° • < 0.7 m/s	< 0.02 m/s • < 0.7 m/s
Outputs:	Modbus RTU · RS 485	Modbus RTU · RS 485
Dimensions:	wind vane L 232 mm · H 327 mm	cup rotor Ø 95 mm · H 230 mm
Weight:	approx. 0.35 kg	approx. 0.25 kg
Measuring principle:	Hall sensor Array	
Range of application:	temperatures* -30...+70 °C • wind speed 0...60 m/s	
Supply voltage:	24 (20...28) VDC · max. 800 mA	
Connection:	4-pole M12 plug connector	
Housing:	aluminium · anodized · IP 55 · Ø 32 mm · bore Ø 30 mm for mounting at traverse	

*) under non-icing environmental conditions