

Professional Line	WENTO-IND
Identification number.:	00.14516.210001
Measuring ranges:	Precipitation: see precipitation sensors
Wind direction measuring range:	0 ... 360 °
Wind speed measuring range:	0.3 ... 75 m / s
Measuring range air temperature:	-30 ... + 70 ° C
Measuring range rel. Humidity:	0 ... 100% r. F.
Measuring range air pressure:	600 ... 1100 hPa
Accuracy:	Precipitation: see precipitation sensors
Accuracy wind direction:	± 1 °
Accuracy wind speed:	± 2% FS at 0.3 ... 50 m / s
Accuracy air temperature:	± 0.8 ° C
Accuracy rel. Humidity:	± 3% (10 ... 90%); ± 4% (0 ... 100%)
Accuracy air pressure:	± 2 hPa (-30 ... + 70 ° C)
Resolution:	Precipitation: see precipitation sensors
Resolution wind direction:	<1 °
Resolution wind speed:	<0.1 m / s
Resolution air temperature:	0.1 ° C
Resolution rel. Humidity:	0.5% r. F.
Resolution air pressure:	0.1 hPa
Protocols:	NMEA 0183 · WIMWV · WIMHU · WIMMB · WIMTA · WIXDR (precipitation log)
Interface:	serial RS 422 / Talker baud rate 4800 · 1 Hz (with measuring cycle 10 Hz) · 8N1
Areas of application:	Temperatures: -30 ... + 70 ° C heated · Humidity: 0 ... 100% r. F.
Survival speed:	0 ... 80 m / s
Supply voltage:	Sensor 11 ... 28 VDC / 50 mA at 24 VDC, max. 120 mA · Heating electr. regulated 24 VDC / 2x9 W.
Construction:	Mast mount Ø 51 mm for mounting on a standpipe
Dimensions:	H 440 mm · W max. 475 mm
Casing:	Seawater-resistant aluminum specially coated and RAL 9006 protective coating
Protection class:	IP 65 in vertical position of use
Weight:	2.3 kg
Options (order separately):	36.09340.000000 Visualization and evaluation software MeteoWare-CS3 00.95800.010000 Data logger met [LOG] 00.14742.401002 Display device METEO-LCD / IND
Accessories (order separately):	32.16420.066100 sensor cable, 10 m · 12-pin. Bayonet connector · pre-assembled