

Professional Line	u [sonic] Modbus
ID No.:	00.16470.100130
Wind direction measuring range:	0 ... 359.9 °
Wind speed measuring range:	0 ... 75 m / s
Accuracy wind direction:	<2 ° (> 1 m / s) RMSE
Accuracy wind speed:	0.2 m / s RMSE (v <10 m / s); 2% RMSE (10 m / s <v <65 m / s)
Resolution wind direction:	0.1 °
Resolution wind speed:	0.1 m / s
Response threshold:	0.1 m / s (adjustable for wind direction)
Protocols:	Modbus RTU
Interface:	RS 485
Measuring rate:	0.1 ... 10 Hz · (internal measuring rate 50 Hz)
Operating conditions:	-40 ... + 70 ° C · 0 ... 100% r. F.
Supply voltage:	24 VDC
Power consumption:	Sensor: typ. 35 mA at 24 VDC · 60 W at 24 VDC
Measuring principle:	Ultrasonic transit time measurement
Heating data:	Configurable at the factory 60 W max. 120 W
Dimensions:	Ø 199 mm · Height 149 mm
Casing:	seawater-proof aluminum
Protection class:	IP 66
Weight:	approx. 2 kg
Standards and norms:	VDE 0100 · Low voltage standard: 72/23 EEC EMC / EMI: DIN EN 60945 and DIN EN 61000-4-2, -3, -4, -5, -6, -11 · Protection class: DIN EN 60529
Connection technology:	4-pin M12 plug connector
Accessories (order separately):	32.14567.060010 Sensor cable, 15 m, 4-pin, M12 connector 32.14567.060000 Sensor cable, 12 m, 4-pin, M12 connector