

EFFICIENT Modbus WIND DIRECTION SENSOR



The efficient solution

Do you think cost-conscious and are demanding when it comes to your wind measurement data? Then the EFFICIENT Modbus sensors are your ideal solution. With this sensor concept, valuable materials meet functional design. EFFICIENT sensors also impress with their high accuracy, effortlessly simple assembly principles and corrosion-resistant materials. The Modbus RTU interface simplifies sensor installation and integration into networks.

- proven sensor technology
- very good starting values
- simple mast mounting

APPLICATIONS

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

Professional Line	EFFICIENT Modbus Wind direction sensor
Id-No.	00.14579.101030
Measuring range	0...360°
Accuracy	2°
Resolution	2°
Starting value	< 0.7 m/s
Output	Modbus RTU · RS485
Range of application	temperatures -30...+70 °C • wind speed 0...60 m/s
Supply voltage	24 (20...28) VDC • max. 800 mA • electr. controlled heating • 18 W
Measuring elements	plastic • wind vane - dimensionally stable
Measuring principle	Hall Sensor Array
Dimensions	wind vane L 232 mm - H 327 mm
Housing	aluminium • anodised • IP 55 • Ø 32 mm • bore Ø 30 mm for mounting at traverse
Weight	approx. 0.35 kg
Included in delivery	4-pole M12 plug connector
Accessories (order separately)	32.14567.060010 sensor cable, 15 m, 4 pole, M12 plug 32.14567.060000 sensor cable, 12 m, 4 pole, M12 plug

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