COMBINED WIND SENSOR

STATIC WIND SENSOR "EOLOS-MET T"

Wind direction · Wind speed · Air temperature

Compact, robust, reliable...

three characteristics that describe the ingenious static construction of this sensor. Without any moving measuring parts it is extremely resistant to wear. Wind movement is registered highly responsive, competently and very accurate by means of a thermal measuring principle.
The integrated temperature sensor determines the air temperature, which will also be send via the serial output.

- very high wind velocities up to 85 m/s measurable
- without moving measuring elements
- 3 parameters measurable
- lamella shelter for accurate measurements of the temperature sensor
- optimal heatable
- easy installation, easy to maintain

land applications under any conditions • wind turbines • railway line monitoring • traffic meteorology • chemical and industrial facilities • power plants, sewage plants and landfills

NO MOVING PARTS
70W HEATED
Al METAL MATERIAL
NMEA DATA PROTOCOL
AIR TEMPERATURE

Professional Line | **(1643)** | **Static Wind Sensor EOLOS-MET TH** | **Id-No. 00.16430.410 002**

Parameters:	Meas. range:	Accuracy:	Resolution:
Wind direction:	0...360°	± 3°	1°
Wind speed:	0.1...85 m/s	± 0.5 m/s ± 5 % of the meas. value	0.1 m/s
Air temperature:	-40...+70 °C	± 0.8 °C (v > 2 m/s)	0.1 °C

Range of application:	temperature -40...+70 °C heated • wind speed 0...100 m/s • 0...100 % r. h.
Protocols:	NMEA 0183 • WIMWV · WIMTA
Interface:	serial · RS 422/ talker • baud rate 4800 • 1 Hz (meas. cycle of 10 Hz) • 8 N 1
Supply voltage:	24 VDC (-22 %/ +34 %) · max. 2.5 A • heating: 24 VDC/ 70 W (max. 3 A) · electr. controlled
Housing:	aluminium · anodized · IP 66
Dimensions/ Weight:	H 382 mm · Ø 120 mm · mast adapter Ø 50 mm for mounting on standard pipe • 2.5 kg

Version: **(1643)** **Static Wind Sensor EOLOS-MET T unheated** **Id-No. 00.16430.400 002**
Range of application: -30...+70 °C · under non-icing conditions

Accessory:
32.16420.066 100 Cable 10 m · 12-pole bayonet plug · ready-made

Options:
36.09340.000 000 Visualisation and evaluation software MeteoWare-CS3
00.95800.010 000 Data logger met[LOG]
00.14742.401 002 Display unit METEO-LCD/IND