

Professional Line	EOLOS-NAV2
Identification number.:	00.16432.210002
Wind direction measuring range:	0 ... 360 °
Wind speed measuring range:	0.1 ... 85 m / s
Measuring range air temperature:	-40 ... + 70 ° C
Measuring range rel. Humidity:	0 ... 100% r. F.
Measuring range air pressure:	600 ... 1100 hPa
Accuracy wind direction:	± 3 °
Accuracy wind speed:	± 0.5 m / s ± 5% of the measured value
Accuracy air temperature:	± 0.8 ° C (v > 2 m / s)
Accuracy rel. Humidity:	± 3% (10 ... 90%) · ± 4% (0 ... 100%)
Accuracy air pressure:	± 2 hPa (-40 ... + 85 ° C) · ± 0.5 hPa at 25 ° C
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
Interface:	serial · RS 422 / Talker · Baud rate 4800 · 1 Hz (measuring cycle of 4 Hz) · 8N1
Update rate:	4 Hz
Areas of application:	Temperatures -40 ... + 70 ° C · Wind speed max gusts 100 m / s · Air humidity 0 ... 100% RH
Supply voltage:	18 ... 32 VDC · max. 2.5 A · Heating: 24 V DC / 70 W (max. 3 A) · electronically controlled
Dimensions:	H 388 mm · Ø 120 mm · Mast adapter Ø 50 mm for mounting on standpipe
Casing:	Aluminum · anodized · IP 66
Weight:	approx. 2.5 kg
Options (order separately):	Display devices e.g. B. (14742) METEO-LCD / NAV · Data logger e.g. B. SYNMET-NAV or met [LOG] · Mast and power supply · MeteoWare-CS3 visualization and evaluation software
Accessories (order separately):	32.16420.066100 cable 10 m · with 12-pin bayonet connector · pre-assembled