

CV3F-WINDYPLUG

The CV3F-WINDYPLUG pack is comprised of the CV3F wind speed indicator/wind vane combine with the WindyPlug interface that transmits data from the sensor to your NMEA2000® network. The CV3F is the sensor for all-weather and work boats.

The WindyPlug interface, which features an integrated atmospheric sensor, enables the transmission of data from the aerial sensor to the NMEA2000® network. In this way, wind data from the CV3F and barometric data can be processed by numerous devices.

SPECIFICATIONS

Cabling:

Coaxial RG58 cable between the sensor and the junction box.

Connections on screw terminals in the junction box

- +12VDC (9-16 VDC, 24mA)
- 0V
- NMEA0183® + output (NMEA2000 with Windyplug)
- NMEA0183® – output

Connection compatibility with the CV3F-WindyPlug:

Compatible with NMEA2000® V3

- coaxial core
- coaxial shield

Measurement range:

Wind speed: 0.5 to 99 knots

Wind angle: 0 to 359°

Temperature: -10°C to +50°C

Measurement sensitivity:

Wind speed: 0.50 knots

Wind angle: +/-1.5°

Air temperature: +/- 0.5°C

Operating temperature: -10°C (without icing) to +50°C, Complies with the European CE standard

WindyPlug:

Transmitted data: atmospheric pressure, wind speed, wind direction, wind temperature

Connector: MICRO male NMEA 2000®

Power supply: via NMEA 2000 network®

Consumption: 1 LEN / <50mA

Indicator light: 1 flashing LED

Hydrophobic membrane sensor

Measurement range: 850 hPa / 1150 hPa

Resolution:

0.1 hPa (mbar) with an NMEA2000® Version 3 system

Relative accuracy: +/- 0.5 hPa @ 20° C / Absolute accuracy: +/- 1.5 hPa @ 20°

Data:

NMEA2000® V3 PGN: -TX: 59904; 60928; 126464; 126996; 130306; 130312; 130314 / -RX: -RX: 59392; 59904; 60928; 130315*

DELIVERY CONTENTS

- CV3F sensor head and 300 mm stand
- WindyPlug
- 2 stainless steel mounting brackets
- 25 m coaxial cable with connector
- Junction box to connect power supply and display
- User and installation manual
- 2-year warranty, parts and labour at our premises