

CV3F - BARO option

for CV3Fm6 Ultrasonic Wind-Vane

Measurement units: Bar
 Resolution: 0.001 Bar
 Measurement range: 0.900 to 1.100 Bar
 Temperature range: 0 to 40°C

The barometric sensor is fitted with a pipe allowing connection of a Ø 4mm hose.

Connect the 12V (10 to 14VDC) supply. Blue - / Brown +

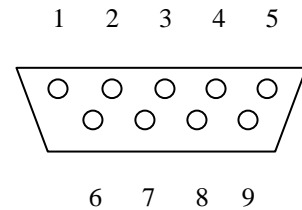
Connect the coaxial cable of the CV3F sensor correctly connecting the core and screening.

Connect the display receiver equipment to the NMEA connector:

- for the COM(1) port of an RS232 computer

connect Rx terminal 2 of COM1
 to the AUX connector block terminal A
 connect 0V terminal 5 of COM1
 to the ALIM (SUPPLY) connector block terminal 0V

if necessary, connect terminals 6 and 7 of COM1 together.



PC SUBD 9 terminal
 COM1 type connector -
 Soldering side

- for a floating RS422 standardised NMEA 183 input

Make sure in advance that none of the receiver inputs is attached to 0 Volts, otherwise use the RS232 type connection.

connect terminal A of the AUX connector block to +Ve (or In +) or A of the NMEA display
 connect terminal B of the AUX connector block to -Ve (or In -) or B of the NMEA display



12 V Brow
 0 V Blue
 CV3F Core
 Screening
 OUT + NMEA
 OUT - NMEA

 Not used
 0 V

L=131mm W=58mm H=37mm

Output messages

Example

\$IIMWV,315.0,R,009.40,N,A
 \$WIXDR,C,022.5,C,,P,0.996,B

\$PLCJ,75FA,7DEA,03,,,6D7C,837E
 \$WIMDA,,I,0.996,B,022.5,C