

NMEA2000® TO VE.CAN® ADAPTOR

FEATURES

- ◆ Connects NMEA2000® sensors to VE.Can®
- ◆ Converts VE.Can power to NMEA2000® 12V standard
- ◆ Limits power draw to 100mA/2 LEN
- ◆ Power good LED
- ◆ Standard NMEA2000® micro C socket



Oceanic System's NMEA2000® to VE.Can® adaptor part allows standard NMEA2000® sensors to be connected to Victron's popular VE.Can® network.

Housed in a robust black anodised case this unit converts the high voltage VE.Can® power down to the NMEA2000® 12 volt standard and current limits it to 100mA or 2 LENs. It has a green power LED that indicates that the VE.Can® voltage is present and that the attached NMEA2000® device is not drawing too much current.

The unit has the standard VE.Can® twin RJ45 sockets to allow the Victron network to be daisy chained in the normal fashion and a single NMEA2000® micro C socket to connect the NMEA2000® device.

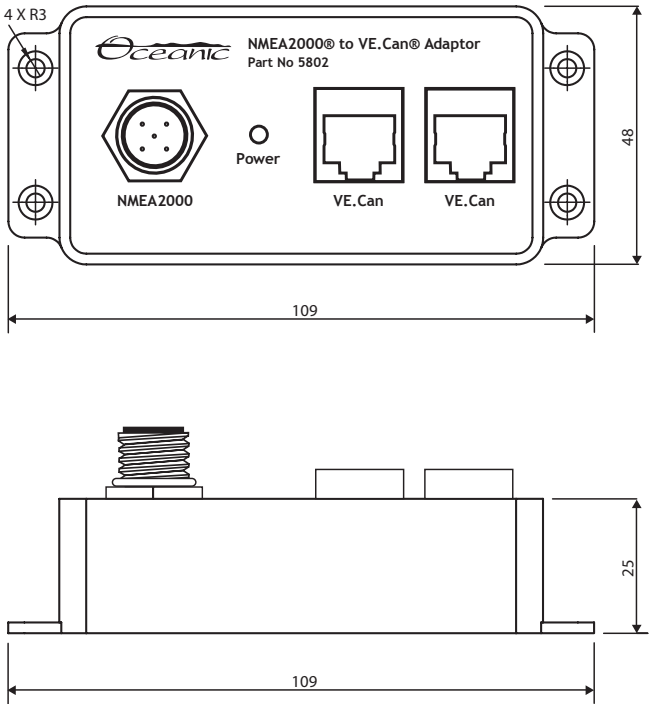
The 5802 is built to the IEC 60945 protected standard.

NMEA2000® TO VE.CAN® ADAPTOR

Part Number: 5802



Dimensions



Design Standard

NMEA2000	NMEA2000 and IEC60945
----------	-----------------------

NMEA2000 Parameter Group Numbers (PGNs)

NMEA2000 PGNs	All passed through each way
---------------	-----------------------------

Electrical and Mechanical

Parameter	Value
Input Voltage	10-70 VDC
Output Voltage	12 Volts DC
Output Current	100mA / 2 x LEN
Reverse Battery Protection	Indefinitely
Size	109 x 48 x 25mm
Weight	100g

Environmental

Parameter	Value
Degree of Protection	IP40
Operating Temperature	-20°C to 50°C
Storage Temperature	-50°C to 70°C
Relative Humidity	93%RH @40° per IEC60945-8.2
Vibration	2-13.2Hz @ ±1mm, 13.2-100Hz @ 7m/s2 per IEC60945-8.7
Electromagnetic Emission	Conducted and Radiated Emission per IEC60945-9

Oceanic Systems is a brand of:

Energy Solutions UK Ltd, Broadmead House,
Bellingham Way, Aylesford, Kent, ME20 6XS

+44 (0)1634 290772 sales@energy-solutions.co.uk
energy-solutions.co.uk

Revision 02. Copyright © 2026 Energy Solutions UK Ltd. All rights reserved.

Our policy is one of continuous product improvement, therefore product specifications are subject to change without notice. Oceanic Systems products are designed to be accurate and reliable. However, they should be used only as aids to vessel monitoring, and not as a replacement for traditional navigation and vessel monitoring techniques.

NMEA2000® is a registered trademark of the National Marine Electronics Association