

## NMEA 2000® Smart Universal Micro-Terminator



The ideal solution for accurately monitoring the voltage on an NMEA 2000 network.

The TER-U acts as an intelligent diagnostic terminator providing instant feedback as to the state of the voltage on your NMEA2000 bus. It is also a universal terminator, allowing it to be used either in-line, for applications at the top of masts, or at either end of the NMEA2000 bus as a regular terminator. Use the blanking caps supplied to keep the unused connectors clean. It has a built-in, high accuracy voltage monitoring circuit which continuously checks the bus voltage, and will illuminate its internal LEDs when it detects that the bus voltage is of the correct polarity. In addition, when it detects that the voltage is within the minimum required range, it will indicate 'GREEN' immediately, providing continuous valuable feedback as to the state of the bus voltage. If the voltage falls below the minimum required level of 9.0V, then the LED's will illuminate 'RED', showing there is a potential problem with the NMEA 2000 bus power. Similarly, if the LED's do not illuminate at all, this would indicate that there was no power or that the polarity was incorrect.

Electrical	
Rated Current	4A
Rated Voltage	36VDC
Terminator Resistance	120Ω 1%
Features	
Green LED	NET-S $\geq 9.05V \pm 1\%$
Red LED	NET-S $< 9.05V \pm 1\%$
Mechanical	
Male Contact	Phosphor bronze, gold plated
Female Contact	Phosphor bronze, gold plated
Male Contact Carrier	PBT, black
Female Contact Carrier	PBT, black
Male Contact Polarisation	Standard M12 -"A"- polarisation
Female Contact Polarisation	Standard M12 -"A"- polarisation
Male Mating Thread	M12
Female Mating Thread	M12
Male Screw Cap	Brass, nickel plated
Female Screw Cap	Brass, nickel plated
Housing	PVC, black translucent
Weight	23.6g
Flammability Rating	UL94 V0
Approvals and Certifications	
Protection	IP67 (when mated)
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +85°C
NMEA 2000 Approved	
RoHS Compliant	

