

Clip On CAN Interface RLACS182



Overview

The RLACS182 provides a quick and convenient way of tapping onto a CAN Bus when recording vehicle signals using Racelogic data logging systems. Using an innovative clip-on design, the RLACS182 eliminates the need to hard-wire directly onto the CAN Bus and can be easily fitted by most users.

Available with Mini-Din, Lemo, Fischer or D Type connectors, the RLACS182 is suitable for use with most Racelogic systems.



Features

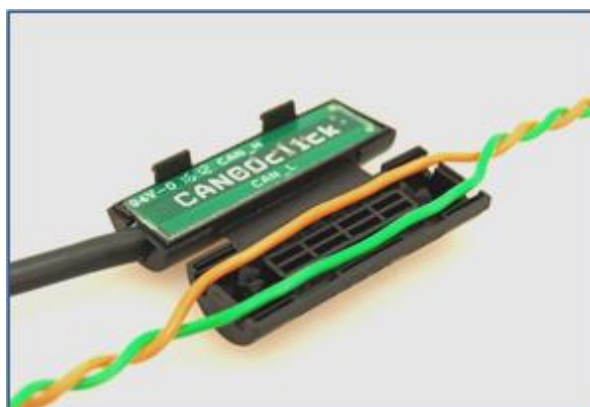
- Reads CAN signals without making a hardware connection
- One cable fits all vehicles / equipment
- Accurate recovering of CAN bus data
- No soldering, wire cutting or crimping
- No intrusive signals can be transferred to the vehicle CAN bus



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Physical Characteristics	
Dimensions (without cable)	Length 40mm, Diameter 14mm
Weight	25 Grams
Material	PP+30% fibre glass
Cable Length	1.5m
Environmental Sealing	IP67
Storage Temperature	-40° to 90°C
Operating Temperature	-40° to 85°C



Electrical Information	
Input Voltage Range	8V - 40V DC Note – check VBOX Voltage Range!
Consumption	Typical – 16 mA Minimum – 12 mA Maximum – 30 mA
CAN High / CAN Low	Normal Input range – 0-5V Common Input range – 7-12V Failsafe Input Voltage– 40V

Conformity	
72/245/EEC	The automotive directive for electronic equipment which can build in road vehicles
ISO 7637	Road Vehicles Electrical Disturbances
ISO 11898	CAN for high-speed communication
SAE J1939	Recommended practice for serial control and communications vehicle network
ISO 9141	Road vehicles – Diagnostics systems. Requirements for interchange of digital information
ISO 11992	Road vehicles – Interchange of digital information on electrical connections between towing and towed vehicles
ISO 11783	Tractors and machinery for agriculture and forestry
RoHS	Yes
WEE	Yes

Versions		
RLACS182-L	Lemo	Video VBOX Pro, All VBOX 2 series units, All VBOX 3 series units
RLACS182-M	Mini- Din	Video VBOX Lite
RLACS182-F	Fischer	VBOX Micro / Performance Box Sport series units
RLACS182-D	D-Type	Generic D-Type CAN connector

If you have any queries, then please contact support@racelogic.co.uk for further assistance.