

Emtron Lambda to CAN

The ELC2M is a Mil Spec Dual Channel Lambda to CAN device using the Motorsport proven Deutsch Autosport connector system (Green). Bosch proven integrated circuit technology is used for sensor control, Nernst Cell temperature measurement with advanced PID algorithms for precise heater control. Exhaust Pressure compensation is available. The device is connected via CAN bus and will be automatically detected, significantly minimising configuration time. The enclosure is made from billet 6061 aluminium and is waterproof, allowing for use in extreme environments.



ELC2M Overview

- Mil Spec dual channel Lambda to CAN device using Deutsch Autosport connector
- Aluminium billet 6061 enclosure
- Water proof, allowing for use in extreme environments.
- Bosch LSU4.9 sensor control
- 64MHz 16-bit Automotive processor
- Resolution: 0.001 Lambda
- Range: 0.580 Lambda to 10.0.
- Lambda signal sampling rate: 100 Hz
- Exhaust pressure pump current compensation
- CAN 2.0B Baud Rate: 250kbaud, 500kbaud or 1Mbaud Auto Detect
- CAN transmit rate 100Hz
- Operating temperature range: -30 to 85°C (-22 to 185°F)

Visit www.emtron.world for more information.



ELC2M