



eM044 4 Channel TCK CAN Module

eM044 is a compact CAN module which can be used to handle up to 4 TCK sensors.

MAIN FEATURES

- ◆ Temperature Measurement Range: -50 ... +1800 °C
- ◆ Temperature Resolution: +/- 0.1°C
- ◆ Maximal Refresh Rate: 20 Hz
- ◆ TCK supported: K-types
- ◆ Self Diagnostic features
- ◆ CAN protocol 500 kbit/s or 1Mbit/s (configurable)
- ◆ Fully programmable with eMoticom PC Software **Caltool**
- ◆ Battery Voltage and Internal Temperature internally Sensed
- ◆ Operative voltage: 8-16V (with reverse polarity protection)
- ◆ Operative Ambient Temperature Range: -40 ... +105°C
- ◆ Size: 53 x 43 x 13 mm
- ◆ Weight: about 80g

PINOUT

eM044 Side Connector: JST 04T-JWPF-VSLE-S

WIRING Side Connector: JST 04R-JWPF-VSLE-S

WIRING Side Pin: JST SWPR-001T-P025

PIN	SIGNAL	FUNCTION
1	+VCC	+12V Power Supply
2	CAN H	CAN H Line
3	CAN L	CAN L Line
4	GND	Ground Power Supply

WIRING Side Connector:

K-TYPE MINI PLUG (IEC)

LabFacility IM-K-M

eM044 Side Connector:

K-TYPE MINI SOCKET (IEC)

LabFacility IM-K-LCF

