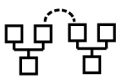


M-FLEX CAN BRIDGE MODULE

The M-Flex CAN Bridge is a two-channel CAN bus bridge for interconnecting two CAN bus networks, and is built to withstand the harsh temperatures, shock and vibration, moisture and electrical transients that are common to these environments.



FEATURES



Two CAN bus channels for bridging between two networks.



Twenty filters per channel to pass or block messages.



Designed for severe duty outdoor applications.



250/500/1000 kbps CAN bus speeds.



Deutsch DT style connectors.



Fully encapsulated electronics for complete environmental protection.



User programmable software tool provided by Marlin.



Two diagnostic LEDs for CAN bus power and communication status.

SPECIFICATIONS

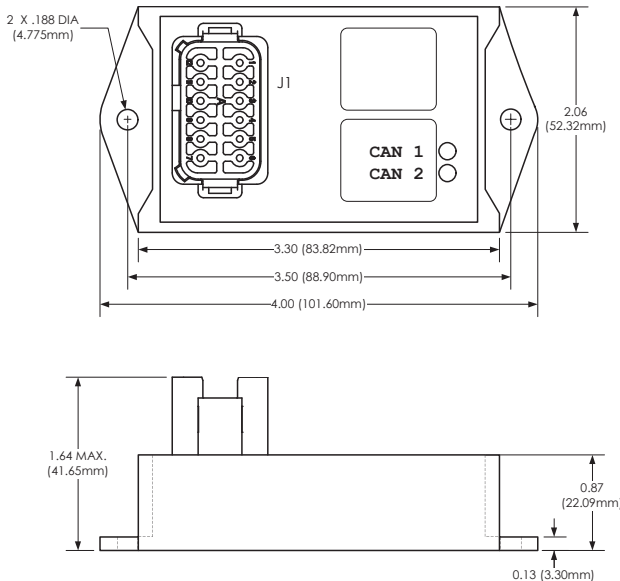
Specifications subject to change without notice. \ Revised 01.24

Supply Voltage	9-36VDC operating range (12VDC or 24VDC nominal) with reverse polarity protection.
Protocol	SAE J1939 CAN 2.0A and 2.0B compliant, CANopen, NMEA 2000.
Baud Rate	250/500/1000 Kbps.
CAN Channels	2 Channel bridge for connecting 2 CAN bus networks.
Configuration Interface	M-Flex CAN Bridge User Interface software via CAN bus.
Enclosure	Noryl plastic enclosure measuring 2.0W x 3.0L (plus flanges) x 0.87H.
Connector	Deutsch DT15-12PA.
Mounting	Screw Mount M4/M4.5/8-32 Screws.

CONNECTIONS

J1-1 Power	J1-7 Channel 2 CANL
J1-2 Channel 1 CANH	J1-8 Channel 2 CANL
J1-3 Channel 1 CANH	J1-9 Channel 2 CANH
J1-4 Channel 1 CANL	J1-10 Channel 2 CANH
J1-5 Channel 1 CANL	J1-11 Channel 2 CAN Shield
J1-6 Channel 1 CAN Shield	J1-12 Ground

DIMENSIONS



For a detailed specification visit marlintech.com/m-flex

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 IMPORTED MATERIALS