

M-FLEX 4I-4O CAN CONTROLLER

The M-Flex CAN 4I-4O Controller is designed for severe duty, outdoor mobile applications and built to withstand the harsh temperatures, shock and vibration, moisture and electrical transients that are common to these environments.



M-Flex
 CONTROLLERS

**IP67
IP69**
**12V
24V**
**RoHS
compliant**
CE

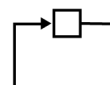

FEATURES



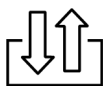
Designed for severe duty, outdoor mobile applications.



Deutsch DT style connectors.



Outputs have closed-loop current sensing for accurate control of proportional valves.



Configurable inputs and outputs for customizing controller to each application.



125/250/500/1000 kbps CAN bus speeds.



Programming options:

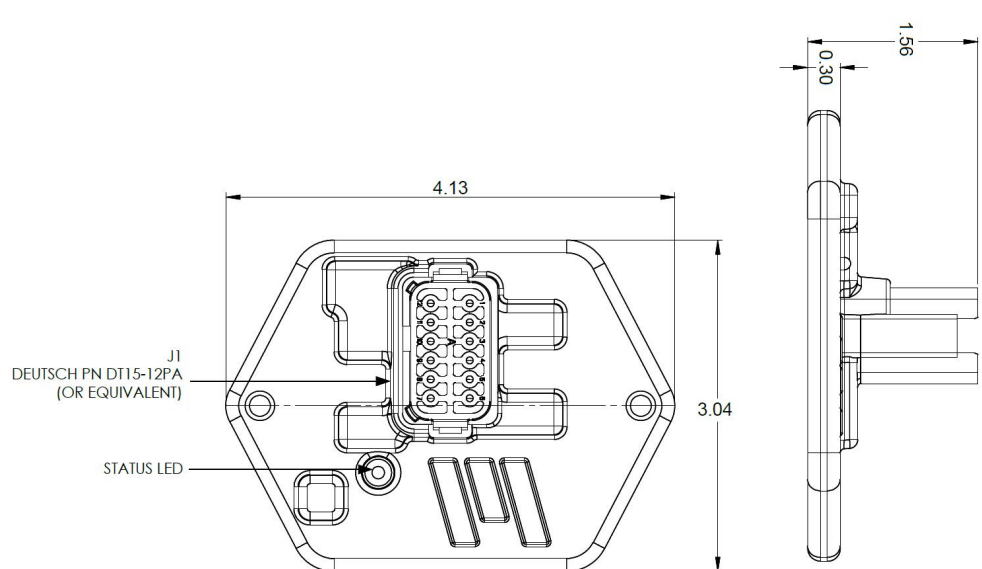
- User-configurable functions.
- Custom application software.

SPECIFICATIONS

Specifications subject to change without notice. \ Revised 05.25

Supply Voltage	8-36VDC operating range, reverse polarity protected.
Max Current	12A max current, 3A per output.
CAN Protocol	SAE J1939, CANopen, NMEA2000.
Inputs	(2) inputs configurable as Analog, Digital, or Frequency. (2) inputs configurable as Analog or Digital.
Outputs	(4) Half-bridge (High-Side or Low-Side). Up to 4 at a time can be PWM.
Indicators	(1) green LED status indicator.
Connector	Deutsch DT04-12PA; Keyed and color coded.
Mounting	(2) M6 or 1/4" screws.
Ingress Protection	IP67 and IP69K rated (with appropriate connector boots).
Operating Temperature	-40° to 85°C (-40° to 185°F).
Storage Temperature	-40° to 85°C (-40° to 185°F).
Packaging	Elemelt PA510 housing with integral mounting tabs, electronics fully encapsulated.
Baud Rate	125/250/500/1000 kbps.

DIMENSIONS



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

Marlin Technologies, Inc.
101 Industrial Drive \ P.O. Box 123
Horicon, WI 53032-1803
920.485.4463 \ P
920.485.2899 \ F

MARLINTECH.COM
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OF IMPORTED MATERIALS