

CLASSIC SERIES 12PB CAN KEYPAD

The M-Flex Classic Series 12PB CAN keypads are 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
 KEYPADS

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


FEATURES



UV resistant matte silicone rubber.



Customizable icons and exterior color.



Tactile Buttons with actuation feedback.



Three indicator lights per button.
Indicator options: All Amber, Red/Amber/Green, or custom color LED's.



CAN protocol J1939, CANopen, NMEA 2000.



Deutsch DT style connectors.



250/500/1000 Kbps CAN bus speeds with auto-detection.

SPECIFICATIONS

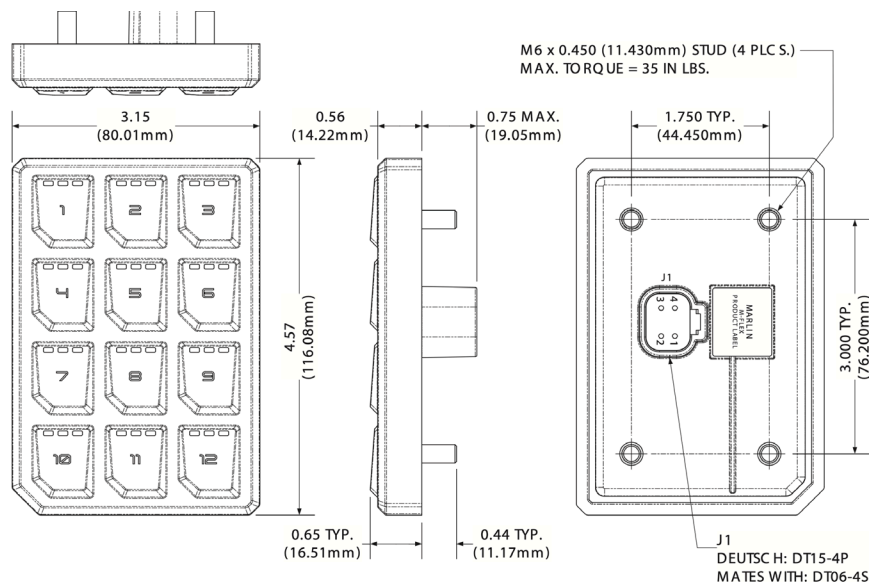
Specifications subject to change without notice. \ Revised 07.23

Supply Voltage	8 - 36VDC operating range, reverse polarity protected.
Max Current	650 mA with all LEDs on.
CAN Protocol	SAE J1939 CAN 2.0A and CAN 2.0B compliant, CANopen, NMEA 2000
Operational Life	Greater than 1,000,000 cycles per switch.
Switch Backlighting	Dimmable white LED backlighting on switches; Intensity controlled via CAN message.
Indicators	Three amber LED indicators located above each switch.
Actuation	Snap dome contacts operate at 340 grams of force.
Connector	Deutsch DT15-4P equivalent integrated into the back plate.
Mounting	Four M6 x 12mm studs.
Seal Rating	IP67, IP69K (with appropriate connector boots).
CE Compliance	ISO 13766-1 : 2018. EN ISO 14982 : 2009.
Operating Temperature	-40° to 85°C (-40° to 185°F).
Storage Temperature	-40° to 85°C (-40° to 185°F).
Baud Rate	Auto detection for 250/500/1000 Kbps.

CUSTOMIZATION OPTIONS

- Graphic icons.
- Keypad exterior color.
- LED indicator colors.

DIMENSIONS



For detailed specifications on all keypads, visit marlintech.com/m-flex

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Made in the USA with Imported Materials