

# CLASSIC SERIES 6PB CAN KEYPAD

The M-Flex Classic Series 6PB 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: RGB, all Amber, 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

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

## CUSTOMIZATION OPTIONS

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

## DIMENSIONS

