

FAMILY OF CAN KEYPADS

The M-Flex 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 are typically used for construction, agriculture and turf care equipment, utility and power sports vehicles, marine, military, outdoor power equipment and similar harsh environment applications.



FEATURES

- Designed for severe duty, outdoor mobile applications.
- Designed for 12V and 24V applications.
- Wide operating temperature.
- UV resistant matte black silicone rubber.
- Deutsch DT style connector.
- Icons customized for customer's application.
- Tactile Feel Buttons provide user with actuation feedback.
- Three amber LED indicator lights per button (alternate colors available).
- Dimmable white LED backlight.
- Space Saving & Easy Installation.
- Long Life - over 1 million cycles per switch.
- 250/500 Kbps with auto baud detect.
- IP67 protection rated.
- RoHS compliant.
- CAN protocol J1939, CAN Open, NMEA 2000.
- Low power sleep mode – for applications requiring direct-to-battery connection. Wake on press of push button, CAN message or cycling power.

SPECIFICATIONS

Specifications subject to change without notice. \ Revised 11.19

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, CAN Open, NMEA 2000
Operational Life	Greater than 1,000,000 cycles per switch.
Switch Backlighting	Dimmable white LED legends 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).
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 Kbps.

CUSTOMIZATION OPTIONS

- Graphic icons.
- LED indicator colors.

DIMENSIONS

