

CM-R CAN Module Rotary Keypad

CANbus enabled, watertight operator control module for heavy duty equipment



CAN Keypad is a CANbus-enabled module with software-controllable programming options for intuitive operation of heavy equipment and vehicles. The rugged module mounts horizontally or vertically into panels and armrests.

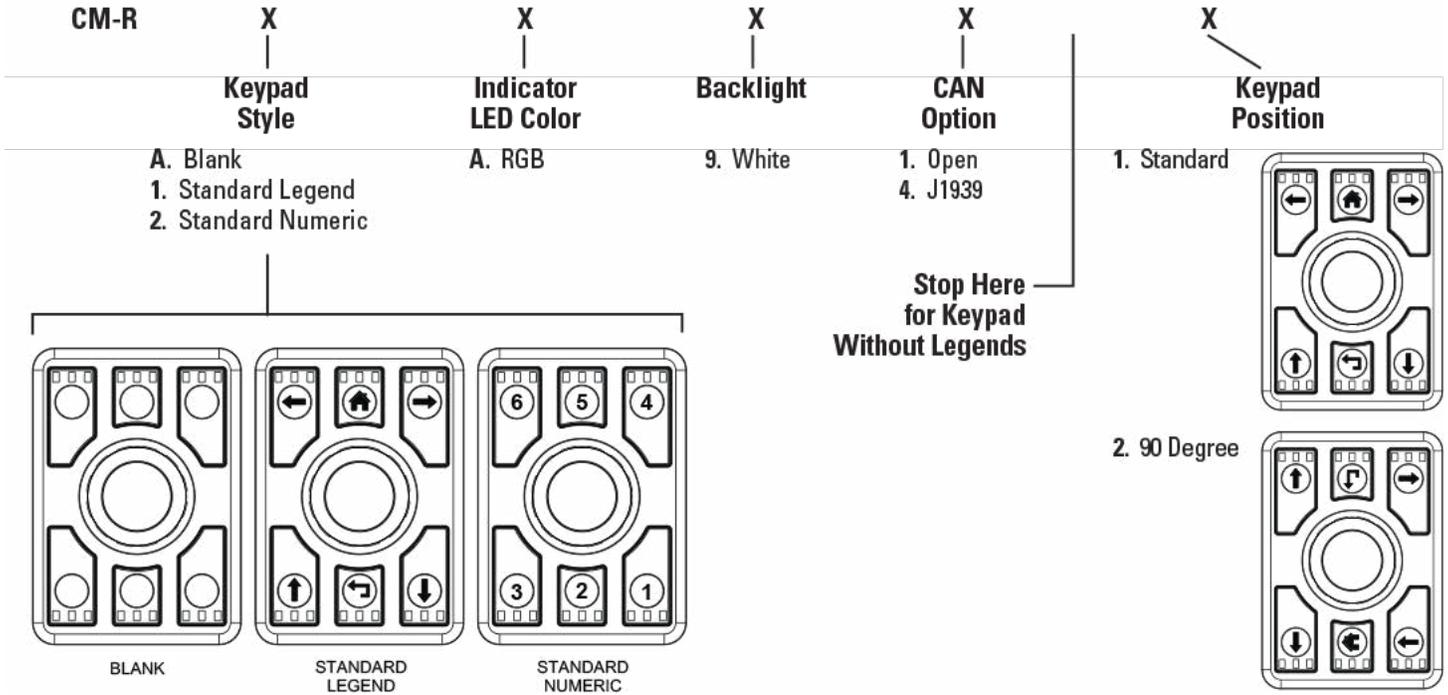
Each of the six buttons has three RGB LEDs on the outer edge that can be set to nearly any color and light intensity. The center encoder has configurable starting and roll-over position values.

The CAN Keypad can communicate with other CAN products, including OTTO Controls' CAN joysticks and CAN Rocker, on the same network. It can act as a base module for daisy-chaining up to seven CAN Rocker expansion modules.

Product Features

- CANbus J1939 or CANopen output
- Integral Deutsch[®] connector
- Easily snaps into panels or armrests
- Select RGB LED colors, brightness and either synchronized or individual flashing with CAN messages
- Customize legends or choose from many standard options
- Center encoder with pushbutton
- Separate input and output connector to easily daisy-chain devices
- Up to 1 million cycles
- Withstands -40°C to +85°C operating temperatures
- Sealed to IP68S

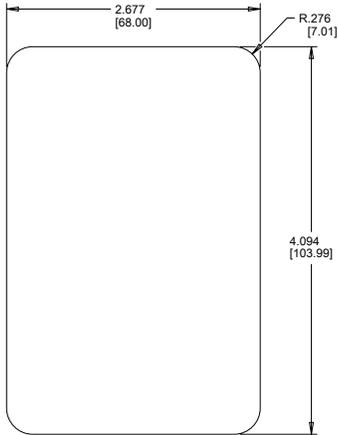
CM-R PART NUMBER CODE



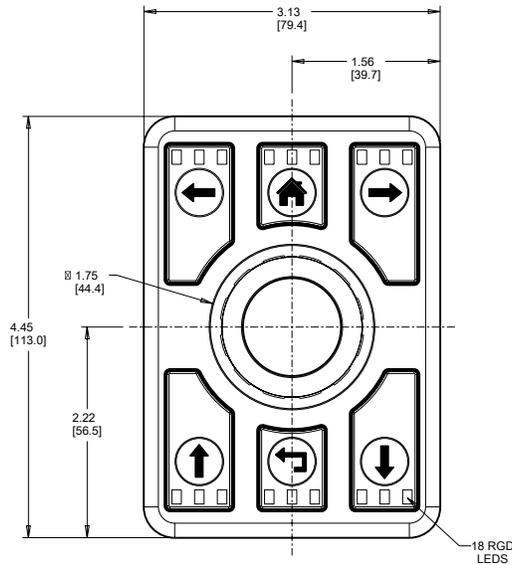
The standard CAN Keypad ships with a default configuration with pre-specified communications parameters. The CAN Keypad module may be ordered pre-configured to customer parameters to drop into a customer CAN network. In these cases, OTTO will establish a customer-specific part number tailored for every instance of a CAN Keypad module used. Consult with an OTTO salesperson for special pricing and more information. Refer to **User Manual** (OTTO P/N: **804486-1**).



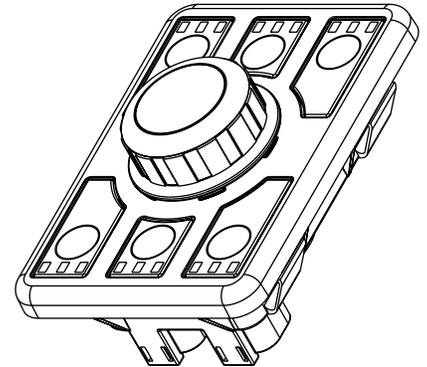
← Scan for the
CAN Keypad
User Manual



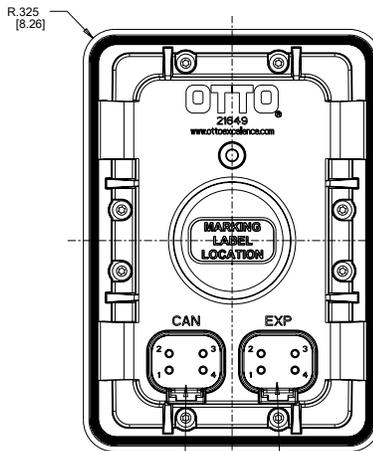
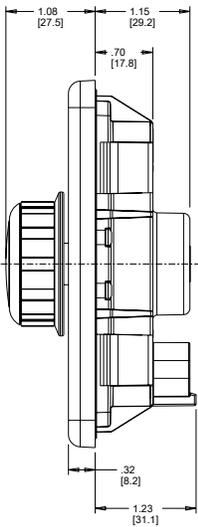
RECOMMENDED
PANEL OPENING
(PANEL THICKNESS: .098±.039)



VIEW SHOWN WITH OPTIONAL
BACKLIT KEYPAD LEGENDS



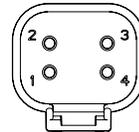
SCALE 1:2



MATES WITH DEUTSCH DT06-4S
WITH W4S WEDGE LOCK

DT06-4S-C017 SEALED
CONNECTOR PLUG

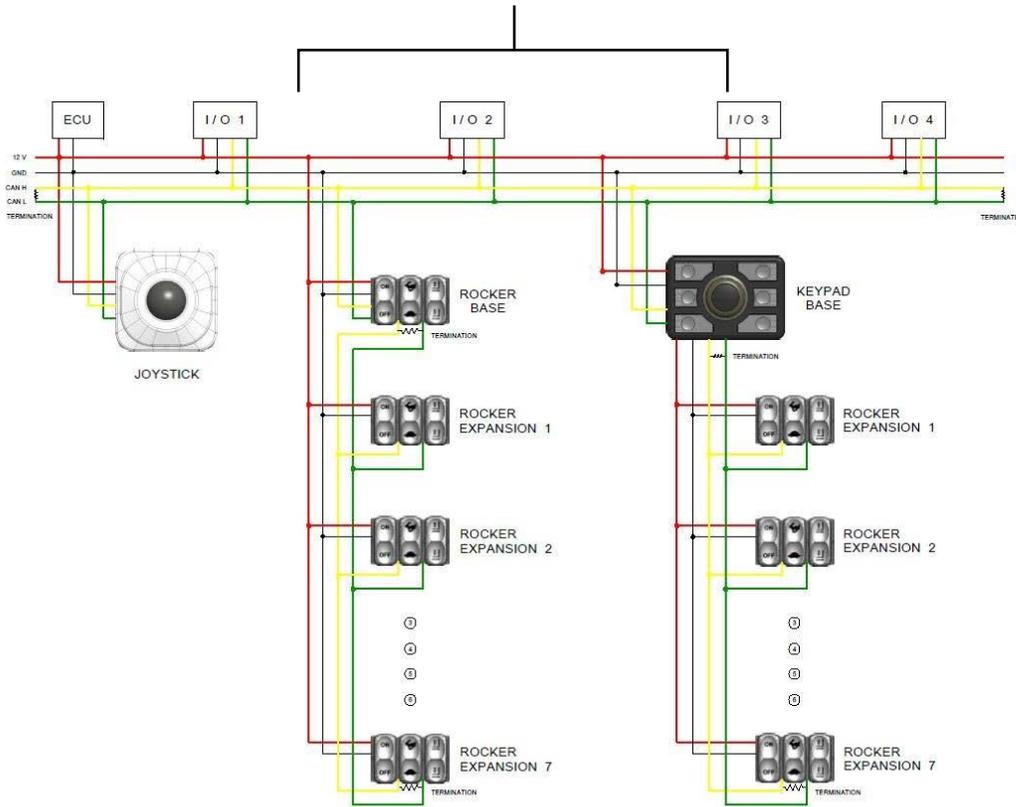
CONNECTOR PIN-OUT



| PIN # | CAN / EXP |
|-------|-----------|
| 1 | POWER |
| 2 | GROUND |
| 3 | CAN HIGH |
| 4 | CAN LOW |



Typical CAN Network



A customer's CAN network may include multiple networked CAN devices that communicate with each other. The CAN Keypad may only be used as a CAN base module, connecting directly to the customer's CAN network. The CAN Keypad cannot be used as an expansion module for other CAN Keypads. The CAN Keypad can, however, perform as a base module for CAN Rocker expansion modules. When ordering, note that a base module needs to be configured to communicate to the specific distribution of expansion modules.