

# INSTALLATION INSTRUCTIONS

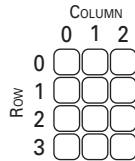
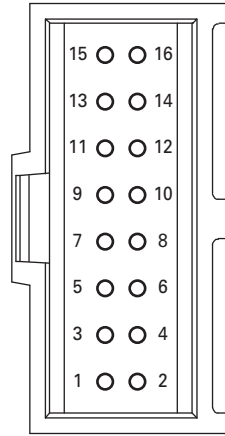
## 3x4, 26-bit Wiegand

# ACTIVE METAL™ KEYPADS

BEYOND DURABLE.™

### Pin-Out Configurations:

Pin No.	Wiegand
1	+9 to 24 VDC
2	Aux. Out
3	—
4	—
5	Data 0
6	Data 1
7	—
8	—
9	—
10	—
11	—
12	—
13	Red LED*
14	Green LED*
15	Ground
16	Ground

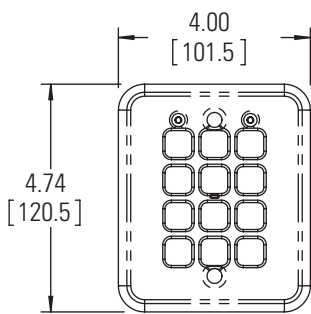


Back view

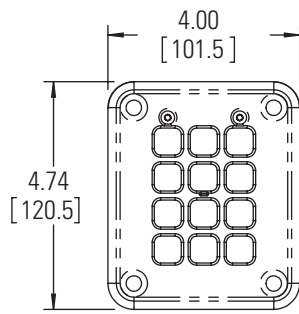
(mates with Molex® 16-pin female connector part number 90142-0016, not included)

\* Please note, the Red and Green LED's are externally controlled by pulling to ground.

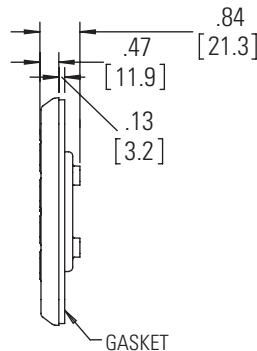
### Dimensions / Mounting Diagrams:



KEYPAD FOR ELECTRICAL BOX MOUNTING

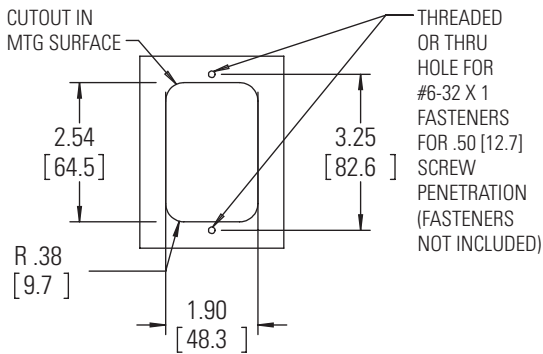


KEYPAD FOR PANEL MOUNTING

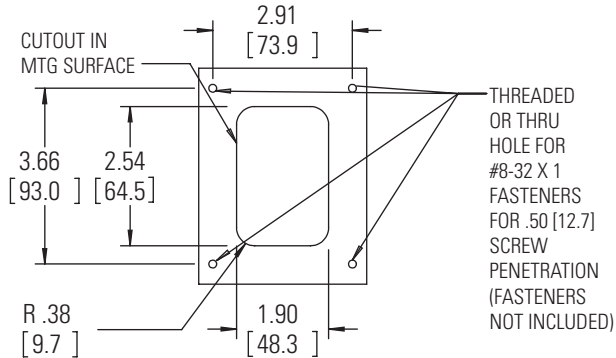


GASKET (FOR OUTDOOR INSTALLATIONS)

For outdoor installations use the sealing washers and gasket (provided), and a weatherproof backbox, seal the wire entry locations with silicone and provide a drain hole. In addition, use anti-oxidant grease for wire harness connections.



RECOMMENDED PATTERN FOR ELECTRICAL BOX MOUNTING



RECOMMENDED PATTERN FOR PANEL MOUNTING

INCHES [MM]

Design and specifications subject to change without notice due to continuing product improvements



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

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### Keypad Programming:

Keypad programming is done within the first 8 seconds of power up. During this time the keypad sensitivity and sound output can be changed and Site Code and Master Code modified. The 8 second clock is reset after each modification allowing multiple changes to be made within a single power on. After 8 seconds without an entry, the keypad leaves the programming mode. Keypads can be programmed as follows:

- 1.) Power unit up by making appropriate connection (see wiring diagram on opposite side).
- 2.) To change the sensitivity or sound settings, within the first eight (8) seconds of power up, enter one of the keys below followed by the # key.
  - a.) Press 1 # — Low sensitivity, Sound On
  - b.) Press 2 # — Med sensitivity, Sound On
  - c.) Press 3 # — High sensitivity, Sound On
  - d.) Press 4 # — Low sensitivity, Sound Off
  - e.) Press 5 # — Med sensitivity, Sound Off
  - f.) Press 6 # — High sensitivity, Sound Off

*NOTE: If nothing is pressed the unit will default to the last setting entered. The factory setting is Medium sensitivity, Sound on (b). Incomplete entries are timed out in approximately 8 seconds and indicated by 2 long beeps.*

- 3.) To change the Site Code or Master Code, the Master Code must be entered. The Master Code must be entered as 5 digits, and terminated by either “#” or “\*” as follows:
  - a.) The Master Code followed by “#” grants access to update the Site Code.
  - b.) The Master Code followed by “\*” grants access to update the Master Code.

The Master Code is factory programmed to “91111”. The Site Code is factory programmed to “0”. A proper Master Code entry is indicated by three short beeps. An incorrect entry is indicated by 2 long beeps.

- 4.) To modify the Site Code: Upon acceptance of the Master Code terminated with “#” in the first 8 seconds of power up:
  - a.) The user is to enter the desired “Site Code” from 0 – 255
  - b.) Press # when complete
  - c.) If accepted, user will be given feedback = 3 short beeps. An incorrect entry (number out of range) is indicated by 2 long beeps. An incomplete entry times out in 8 seconds and indicated by 2 long beeps.

- 5.) To change the Master Code: Upon acceptance of the Master Code terminated with “\*” in the first 8 seconds of power up:
  - a.) Enter the new Master Code as 5 digits terminated by “#”. The Master Code must begin with a 7, 8, or 9 followed by any combination of 4 numeric digits.
  - b.) If accepted, user will be given feedback of 3 short beeps. If an improper Master Code is entered, it is indicated by 2 long beeps. If an incomplete entry is made it is indicated in 8 seconds by 2 long beeps.

*Note: If the Master key is unknown or needs to be reset, the unit must be sent back to the factory where the factory code will be entered.*

### Notes:

- a.) Any loss of power will retain the last stored Sensitivity/Buzzer selection and Site Code provided no buttons are activated within the first eight (8) seconds of power up.
- b.) To reset the Sensitivity/Buzzer selection repeat steps one (1) and two (2).
- c.) To reset the Site Code, repeat steps one (1), three (3) and four (4).

### Codes:

Factory Default Master Code: **91111**

Factory Default Site Code: **000**

User Master Code: \_\_\_\_\_

User Site Code: \_\_\_\_\_