

Model CV-6268W Piezo Keypad w/ Wiegand Output Installation Instructions



Protocol: 8 bit word

Power Supply: 8 to 25 VDC

Power Standby Consumption: less than 20 mA

Mounting: Single Gang Switch Box, or directly to the wall.

Mounting: Universal (single gang box)

Environment: IP68; 100% relative humidity

Temperature: - 20° to + 70 °C

CLICK-N-LOCK mounting screw protection

Wiring

| WIRING COLOR | FUNCTION | ELECTRICAL FUNCTION |
|--------------|----------------|---|
| RED | Input Voltage | 12 - 28 VDC |
| BLACK | Ground | |
| GREEN | Data 0 | Open collector 1K ohm pull-up to internal +5V |
| WHITE | Data 1 | Open collector 1K ohm pull-up to internal +5V |
| BROWN | LED Input | |
| BLUE | CCTV output | Open collector 0.25 A activated with each key for 30 Sec. |
| VIOLET | Housing Ground | |
| ORANGE | No Connection | |
| GREY | Tamper Output | Open collector 0,100 A "Low" when light sensed |

The LED turns yellow and the buzzer beeps with each key press. The data is sent at 2 msec per bit with pulse duration of 70 usec.

8 BIT WORD SPECIFICATIONS:

Each key press generates the defined 8 bit output as shown below:

| KEY | OUTPUT | KEY | OUTPUT |
|-----|----------|-----|----------|
| 0 | 11110000 | 6 | 10010110 |
| 1 | 11100001 | 7 | 10000111 |
| 2 | 11010010 | 8 | 01111000 |
| 3 | 11000011 | 9 | 01101001 |
| 4 | 10110100 | * | 01011010 |
| 5 | 10100101 | # | 01001011 |

NOTES:

1. **Blue Wire** - Pressing any key on the keypad will generate a 30 second 0,25 amp intermittent duty grounding output.
2. **GREY WIRE** - When light sensor senses ambient light, the wire is pulled "low"



Push Buttons



Keypads



Strikes



Magnetic Locks



Key Switches



Relays & Timers



Access Control



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Certified ISO 9001: 2008

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