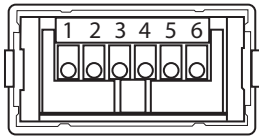


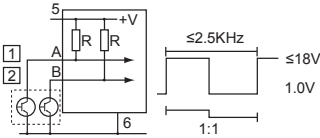


### KAL-DQUAD06 Wiring



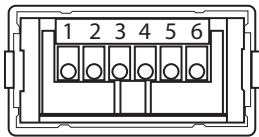
- 1 - Count Input A
- 2 - Count Input B
- 3 - External Reset Input
- 4 - Not used
- 5 - External Power for Backlight and Input Circuit
- 6 - 0V, Common

### Quadrature Input:



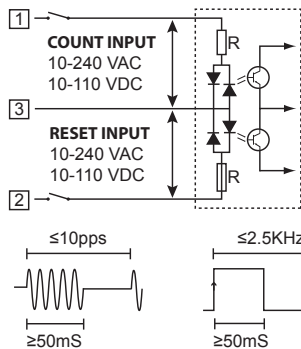
- Count Inputs A & B**
- Sink input NPN or push-pull signals, NOT source only
  - R = Internal resistor 3.3M $\Omega$
  - Max. +V
  - Max. 2.5kHz
  - Mark to space ratio 1:1

### KAL-D06AC/DC Wiring



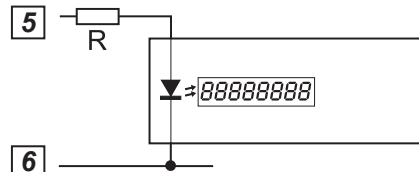
- 1 - High Voltage Count Input
- 2 - High Voltage External Reset Input
- 3 - Common for pins 1 & 2
- 4 - Direction Input
- 5 - External Power for Backlight
- 6 - 0V, Common for pins 4 & 5

### High Voltage Input:



- High Voltage Count Input**
- Opto-isolated
  - R = Internal resistor 50k $\Omega$
  - 10 - 240V AC  $\pm 10\%$
  - 10 - 110V DC  $\pm 10\%$
  - Max. 10 pulses per second
  - Min 50mS
- High Voltage Reset Input**
- Opto-isolated
  - R = Internal resistor 50k $\Omega$
  - 10 - 240V AC  $\pm 10\%$
  - 10 - 110V DC  $\pm 10\%$
  - Min 15mS

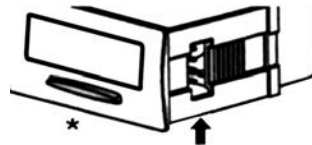
### Backlight Wiring



- 5V: R = 0 $\Omega$
- 12V: R = 360 $\Omega$
- 24V: R = 1K $\Omega$
- 30V: R = 1.2K $\Omega$

External supply for backlight is 5 VDC @ 20mA  
R = external resistor; see table next to diagram above.

### Jumpers



Front Panel Reset Enabled

Front Panel Reset Disabled

88888888

8888888.8

888888.88

88888.888

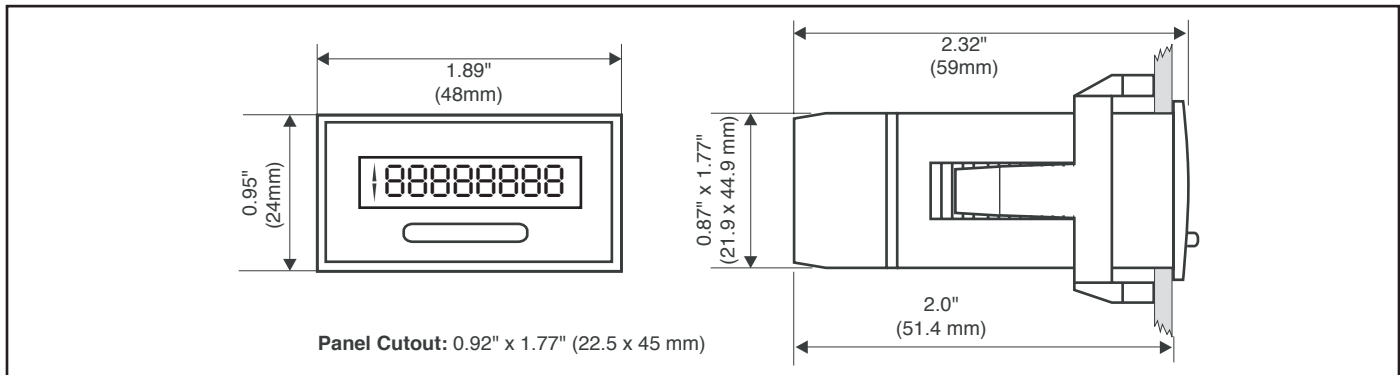
### How To Order:

- KAL-D06** ..... 8 digit counter with 10 yr battery
- KAL-DQUAD06** ..... 8 digit counter with 10 yr battery with Quadrature Input
- KAL-D06AC/DC** ..... 8 digit counter with 10 yr battery with High Voltage Input

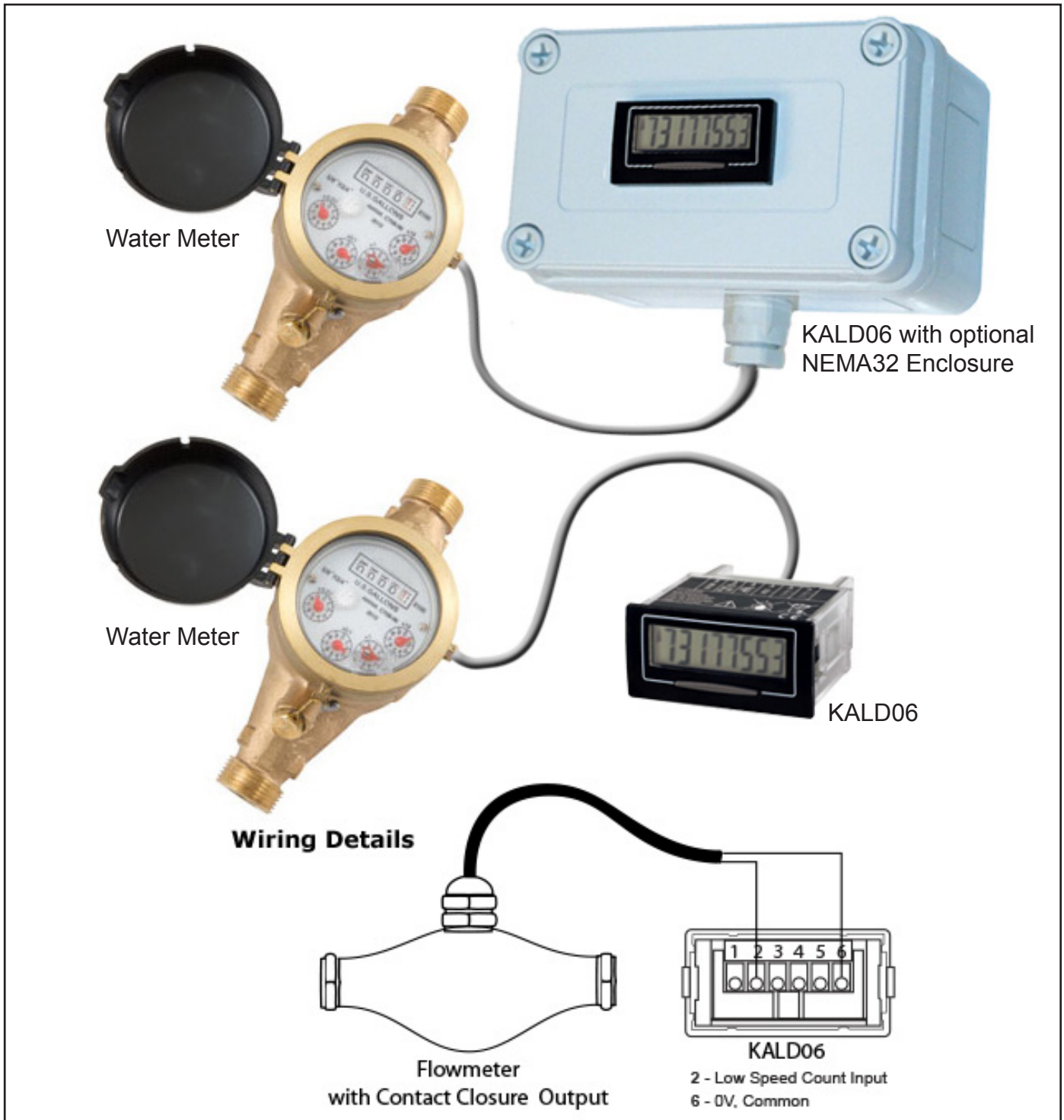
### Accessories

- N7** - Explosion proof housing
- NEMA32** - NEMA4 Wall Mount Enclosure
- E200** - Rain Tight Outdoor Enclosure (see accessories section for N7, NEMA32 & E200)
- 32DINRAIL** - DIN Rail Mounting Frame
- DR-4** - 4" DIN Rail

### Dimensions



**Water Meter Wiring**



Our most popular remote display for water meters is the KALD-06 counter. It is easy to install with a two wire hookup as shown in the illustration above.

The KALD-06 is often used to replace our older model KAL-DIN series. This unit has a plug in connector rather than a terminal block. To replace it, remove the connector from the back of the unit and cut the connections to the two wires from the water meter. Discard the old wire jacket. Mount the new KALD-06 where the old unit was mounted and connect one of the wires from the water meter to terminal 2 (low speed count input) and the other to terminal 6 (0v. common).