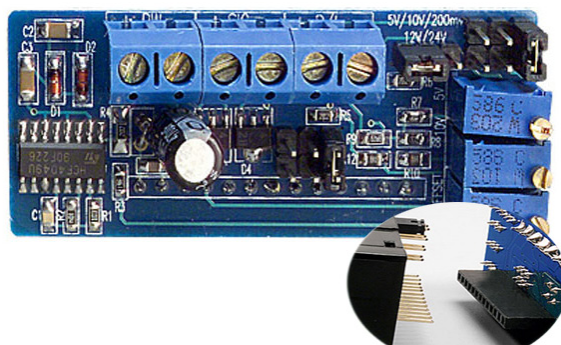




## Features:

- ◇ Low-cost, high-performance replacement for many OEM DPMs
- ◇ Optional RED, GREEN or AMBER backlighting
- ◇ Snap-in bezel mount eliminates mounting hardware
- ◇ Resistant to RF and EMI
- ◇ 4½ digits with high-contrast LCD
- ◇ 12V or 24V DC Voltage powered
- ◇ User selectable, displayed engineering units

## Specifications:

|                      |                          |                                                           |
|----------------------|--------------------------|-----------------------------------------------------------|
| <b>Display:</b>      | Digits:                  | 4 ½ digits (±19999 counts)                                |
|                      | Type:                    | 0.45" (11.4 mm) 7 segment LCD                             |
| <b>Backlighting:</b> |                          | Optional Red Negative (red numbers/black background)      |
|                      |                          | Optional Green Negative (green numbers/black background)  |
|                      |                          | Optional Amber Negative (amber numbers/black background)  |
|                      |                          | Optional Green Positive (black numbers/green background)  |
|                      |                          | Optional Green Positive (black numbers/green background)  |
|                      | Polarity:                | automatic, "-" displayed                                  |
|                      | Annunciators:            | "F", "C", "PSI", "%", user selectable, V, A, KW, PF       |
|                      | Decimal Points:          | 4 position, user selectable                               |
|                      | Overrange:               | four lower order digits blank for inputs >19999 & <-19999 |
| <b>Inputs:</b>       | Ranges:                  | 0-10 VDC, 0-5 VDC or 0-200 mV DC                          |
|                      | Configuration:           | single ended                                              |
|                      | Impedance:               | 390KΩ min.                                                |
| <b>Performance:</b>  | Accuracy:                | ±(0.1% fs + 2 count)                                      |
|                      | Conversion Rate:         | 3 per second                                              |
|                      | Normal Mode Rejection:   | >30 dB @ 60 Hz                                            |
|                      | Adjustments:             | span (gain) (2) (10V and 5V) and zero (offset)            |
|                      | Warmup:                  | 10 minutes typical                                        |
|                      | Temperature Coefficient: | ±100 ppm per °C typical                                   |
|                      | Offset Range:            | -19999 to +19999                                          |
|                      | Gain Range:              | 1-20000 counts above adjusted zero                        |
| <b>Environment:</b>  | Operating Range:         | 0 to 50 °C                                                |
|                      | Storage Range:           | -10 to 60 °C                                              |
| <b>Power Supply:</b> |                          | 12 VDC or 24 VDC regulated (selectable)                   |
|                      | Optional Backlight:      | 24 VDC at 35 mA typical                                   |
| <b>Mounting:</b>     |                          | snap-in bezel mount                                       |
| <b>Connection:</b>   |                          | 4 screw terminal (6 with backlight)                       |

## Ordering Information:

| PART NUMBER | BACKLIGHT COLOR    | BACKLIGHT POWER |
|-------------|--------------------|-----------------|
| DK796*      | NEG AMBER .....    | 24 VDC          |
| DK797*      | NEG GREEN .....    | 24 VDC          |
| DK798*      | NEG RED .....      | 24 VDC          |
| DK799*      | NO BACKLIGHT ..... | NONE            |
| DK800*      | POS GREEN .....    | 24VDC           |

\*Add (P) for Power Engineering Units V, A, KW, PF

|              |                                          |
|--------------|------------------------------------------|
| PW2-12 ..... | Regulated 120V AC to 12V DC Power Supply |
| PW2-24 ..... | Regulated 120V AC to 24V DC Power Supply |
| PW1.0 .....  | 24V AC to adjustable DC output           |
| CPW1.5 ..... | 24V AC to adjustable DC output           |
| CVC .....    | Calibrator                               |

# Voltage Powered LCD Digital Panel Meters

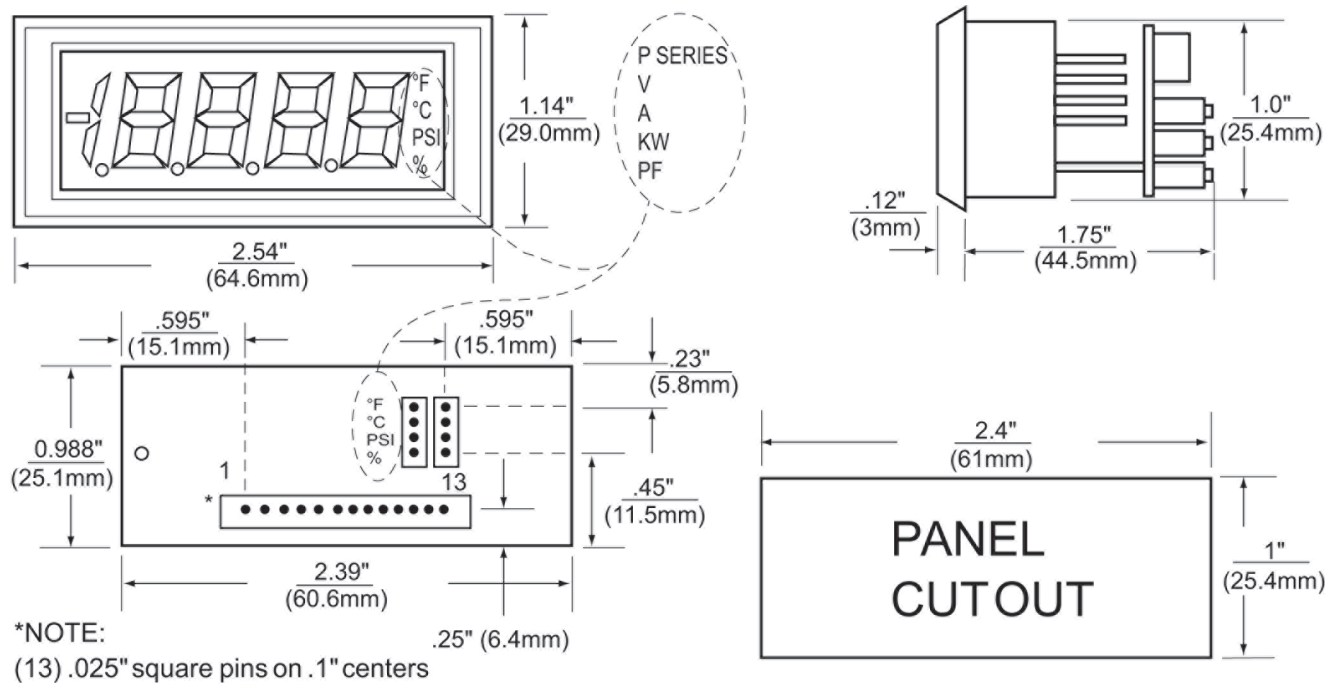
Adjustable Voltage 4½ Digit



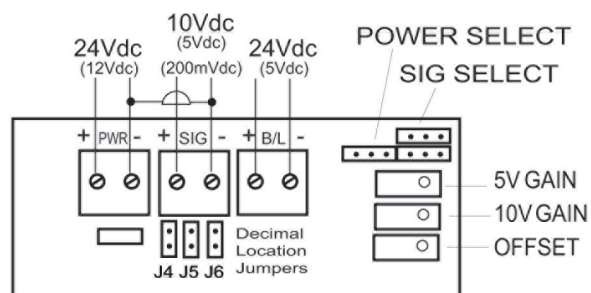
## DK790V Series

### EPIC SERIES

## Dimensions



## Wiring



(upper)  
WIRING

### Decimal Point Selection

1. Locate jumpers J4 through J6 in the middle of the circuit board unit.
2. Jumper the appropriate decimal location as follows:  
J4 - 000.0

### Decimal Point Selection

1. Locate jumpers J4 through J6 in the middle of the circuit board unit.
2. Jumper the appropriate decimal location as follows:  
J4 - 000.0  
J5 - 00.00  
J6 - 0.000  
None - 0000

# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct     +86 (21) 6401-6692  
  
Email       amall@ameya360.com  
  
QQ         800077892  
  
Skype       ameyasales1 ameyasales2

➤ Customer Service :

Email       service@ameya360.com

➤ Partnership :

Tel         +86 (21) 64016692-8333  
  
Email       mkt@ameya360.com