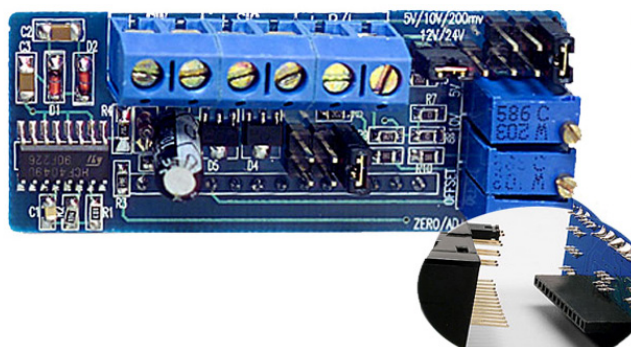




## Features:

- ◇ Optional window mount
- ◇ 3½ digits with high-contrast LCD
- ◇ 12V or 24V DC Voltage powered
- ◇ User selectable, displayed engineering units

## Specifications:

|               |                          |                                                           |
|---------------|--------------------------|-----------------------------------------------------------|
| Display:      | Digits:                  | 3 ½ digits (±19999 counts)                                |
|               | Type:                    | 0.45" (11.4 mm) 7 segment LCD                             |
| Backlighting: |                          | 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)  |
|               | Polarity:                | automatic, "-" displayed                                  |
|               | Annunciators:            | °F, °C, PSI, %, user selectable, or V, A, KW, PF          |
|               | Decimal Points:          | 3 position, user selectable                               |
|               | Overrange:               | three lower order digits blank for inputs >1999 & < -1999 |
| Inputs:       | Ranges:                  | 0-10 VDC, 0-5 VDC or 0-200 mV DC                          |
|               | Configuration:           | single ended                                              |
|               | Impedance:               | 390 KΩ min.                                               |
| Performance:  | 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:            | -1999 to +1999                                            |
| Environment:  | Gain Range:              | 1-2000 counts above adjusted zero                         |
|               | Operating Range:         | 0 to 50 °C                                                |
|               | Storage Range:           | -10 to 60 °C                                              |
| Power Supply: |                          | 12 VDC or 24 VDC regulated (selectable)                   |
|               | Optional Backlight:      | 24 VDC at 35 mA typical                                   |
| Mounting:     |                          | snap-in bezel mount                                       |
| Connection:   |                          | 4 screw terminal (6 with backlight)                       |

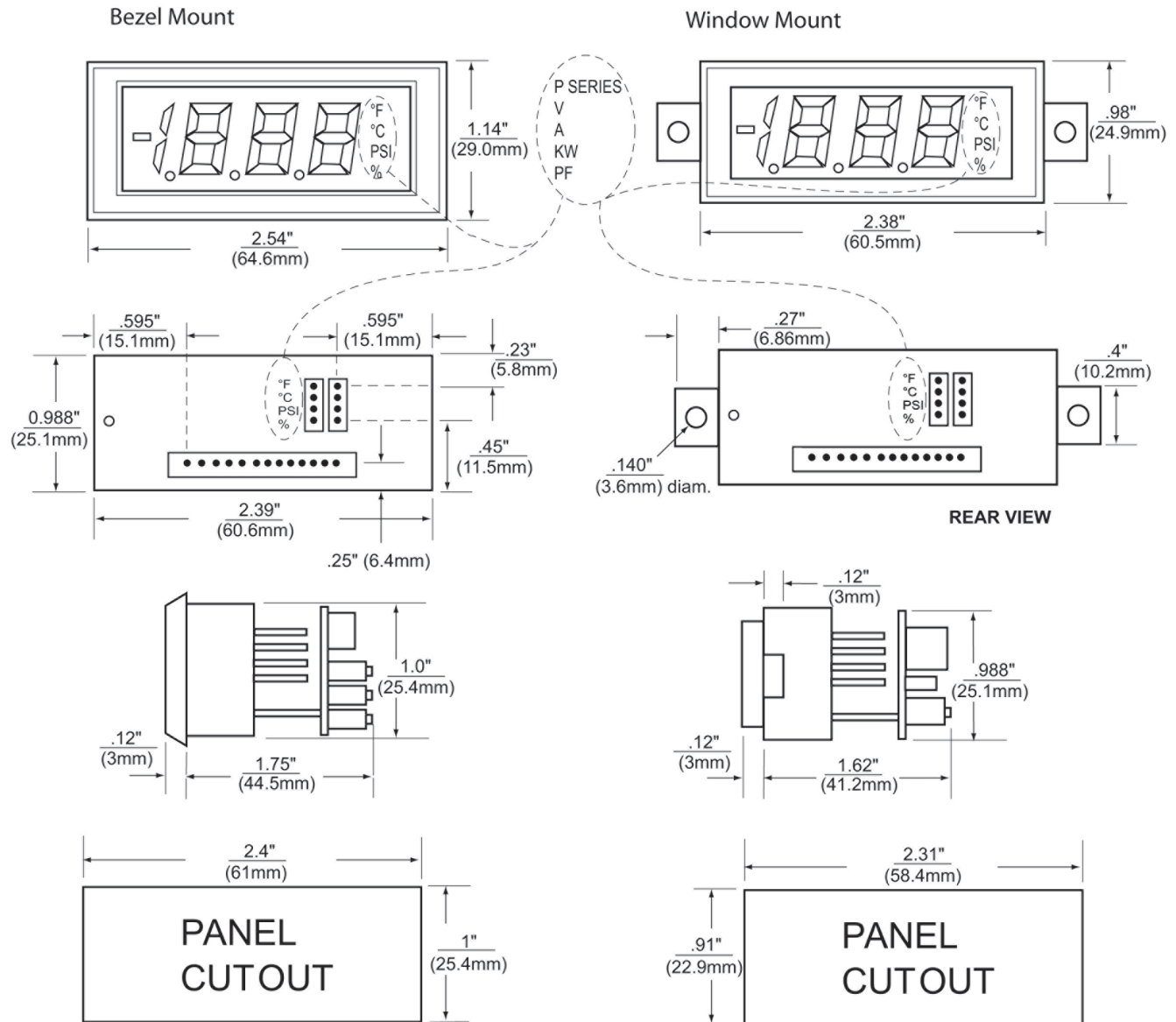
## Ordering Information:

| PART NUMBER     | BACKLIGHT COLOR | BACKLIGHT POWER |
|-----------------|-----------------|-----------------|
| <b>SNAP-IN:</b> |                 |                 |
| DK196*          | NEG AMBER       | 24 VDC          |
| DK197*          | NEG GREEN       | 24 VDC          |
| DK198*          | NEG RED         | 24 VDC          |
| DK199*          | NO BACKLIGHT    | NONE            |
| DK200*          | POS GREEN       | 24VDC           |

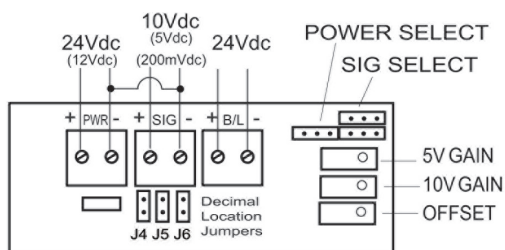
\*Add (P) for Power Engineering Units V, A, KW, PF

|             |                                          |
|-------------|------------------------------------------|
| 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                               |

#### Dimensions



#### 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  
J5 - 00.00  
J6 - 0.000  
None - 0000