



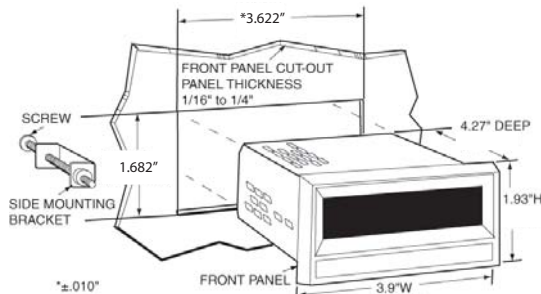
# 2800 Series Digital Panel Meters



- 3 1/2 or 4-1/2 digit red LED display
- Optional display hold
- Input/output edge connector
- "U"-shaped mounting bracket
- Jumper-selectable decimal point

## Mounting Instructions

The 2800 indicators are installed with the mounting hardware provided. Slide the meter through the panel cutout. Next, insert a side mounting bracket to each side of the meter. Use the two holes located near the bezel to attach them to the meter. Slide the brackets back until they lock into the meter. Turn the screws in each bracket until they firmly contact the panel surface.



## Inputs

### DC Voltage

Range	Display Resolution	Maximum Input
200mV	100µV	100MΩ
2V	10µV	100MΩ
20V	10mV	10MΩ
200V	1µΩ	10MΩ

### AC Current

Range	Display Resolution	Maximum Input
20µA	10µA	20mA
200µA	100µA	20mA
2mA	1µA	20mA
20mA	10µA	100mA
200mA	1mA	1mA

### DC Current

Range	Display Resolution	Maximum Input
20µA	10µA	20mA
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20mA	10µA	100mA
200mA	1mA	1mA

## Specifications

### DISPLAY

Type	7-segment, red LED
Height	0.56" (14.2mm)
Decimal point	Jumper-selectable
Overrange indication	All digits blink "0"

### POWER REQUIREMENTS

AC Voltages	120V, ±10%, 50Hz to 400Hz, 3VA
DC Voltages	5 DCV
Rated Circuit to Ground Voltage	250DCV (Models 2865 and 2869) or -4.06 to +4.5DCV (Model 2866)

### ACCURACY @ 23°C, ±2°C

±(1.0% of input +5 counts) 45Hz to 1KHz

### ENVIRONMENTAL

Operating Temperature	0 to 55°C
Storage Temperature	-40 to 60 °C
Relative Humidity	0 to 85%, non-condensing
Temp. Coefficient	±(0.1% of input) ± 0.05 count/per °C
Warmup time	15 minutes

### A TO D CONVERSION

Technique	Dual slope
Rate	2.5 samples/second-nominal

### MECHANICAL

Bezel	1.93" x 3.9" (49mm x 99mm)
Depth	4.72" (120mm)
Panel cutout	1.68" x 3.622" (42.72mm x 92mm)
Weight	12.5oz (354.3g)

## Ordering Information

Catalog No.	Model # & Description
24500	2865 0-200 DCmV, 120 VAC, Red LED
24501	2865 0-2 DCV, 120 VAC, Red LED
24502	2865 0-20 DCV, 120 VAC, Red LED
24503	2865 0-200 DCV, 120 VAC, Red LED
24504	2865 0-20 DCµA, 120 VAC, Red LED
24505	2865 0-200 DCµA, 120 VAC, Red LED
24506	2865 0-2 DCmA, 120 VAC, Red LED
24507	2865 0-20 DCmA, 120 VAC, Red LED
24508	2865 0-200 DCmA, 120 VAC, Red LED
24600	2866 0-200 DCmV, 5 DCV, Red LED
24601	2866 0-2 DCV, 5 DCV, Red LED
24602	2866 0-20 DCV, 5 DCV, Red LED
24603	2866 0-200 DCV, 5 DCV, Red LED
24630	2869 0-200 ACmV, 117 VAC, Red LED
24631	2869 0-2 ACV, 117 VAC, Red LED
24632	2869 0-20 ACV, 117 VAC, Red LED
24633	2869 0-200 ACV, 117 VAC, Red LED
24634	2869 0-20 ACµA, 117 VAC, Red LED
24635	2869 0-200 ACµA, 117 VAC, Red LED
24636	2869 0-2 ACmA, 117 VAC, Red LED
24637	2869 0-20 ACmA, 117 VAC, Red LED
24638	2869 0-200 ACmA, 117 VAC, Red LED

