

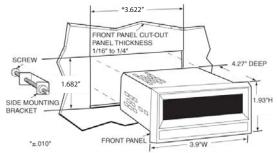
2800 Series Digital Panel Meters



- 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

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

AC Current

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

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

Specifications

DISPLAY Туре Height Decimal point Overrange indication

DC Voltages

POWER REQUIREMENTS AC Voltages

Rated Circuit to Ground Voltage

ACCURACY @ 23°C, ±2°C

ENVIRONMENTAL Operating Temperature Storage Temperature **Relative Humidity** Temp. Coefficient Warmup time

A TO D CONVERSION Technique Rate

MECHANICAL Bezel Depth Panel cutout Weight

7-segment, red LED 0.56" (14.2mm) Jumper-selectable All digits blink "0"

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

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

0 to 55°C -40 to 60 °C 0 to 85%, non-condensing ±(0.1% of input) ± 0.05 count/per °C 15 minutes

Dual slope 2.5 samples/second-nominal

1.93" x 3.9" (49mm x 99mm) 4.72" (120mm) 1.68" x 3.622" (42.72mm x 92mm) 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	