

17503-ME BACKLIT LCD MULTIFUNCTION PANEL METER

FEATURES

SELECTABLE FUNCTION: VOLTS AC/DC OR mA DC
 10M Ω INPUT IMPEDANCE
 SELECTABLE DECIMAL POINT EASY MOUNTING
 5VDC EASY MOUNTING
 POWER COMMON WITH SIGNAL -
 OR
 9VDC INDEPENDENT POWER



SPECIFICATIONS

MAX INPUT:	500V AC/DC (RANGE DEPENDENT)	DECIMAL SELECT:	3 POS. JUMPER SELECT
INPUT IMPEDANCE:	10M Ω (VOLTAGE, 1 Ω CURRENT)	MAX DISPLAY:	1999 COUNTS
VOLTAGE BURDEN:	.2V @ 200mA (1 Ω SHUNT)	ACCURACY:	$\pm 2\%$ ± 4 COUNTS
SUPPLY INPUT:	9VDC INDEPENDENT -	SUPPLY CURRENT:	1mA DC
CONVERSION TYPE:	DUAL SLOPE	CONVERSION RATE:	2-3/SEC.
DISPLAY:	3-1/2 DIGIT LCD	CHARACTER HT.:	.5in
OVERRANGE:	"1" SHOWN ON DISPLAY	METER SIZE:	70MM X 40MM X 23MM

SETUP & OPERATION

Factory set for 5VDC Power, "DC" for Input and 20V for the range

For other settings: See Chart & Below

A: Solder Bridge "AC", "DC" or "MA" Selection (all others Open)

B: Solder Bridge Required Range (all others Open)

C: Install Decimal point jumpers as needed

D: Install "N" Jumper (Display - sign on - Input)

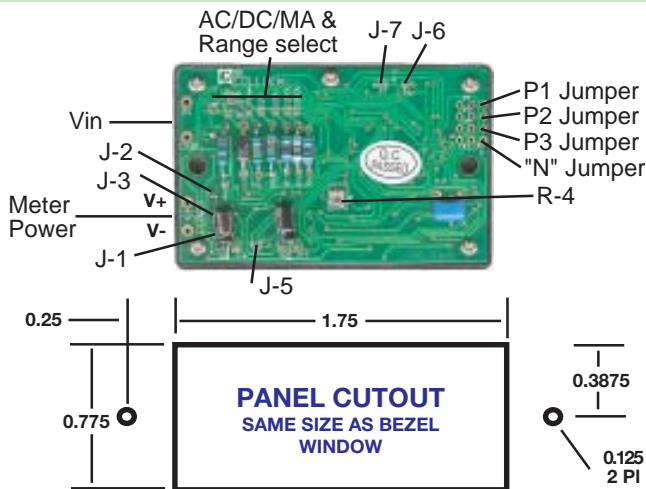
E: Connect Power Supply

F: Connect source to be measured

CALIBRATION

Input a voltage or current from calibration source equal to 1/2 of the full scale range. Adjust R4 until reading equals that of calibration source

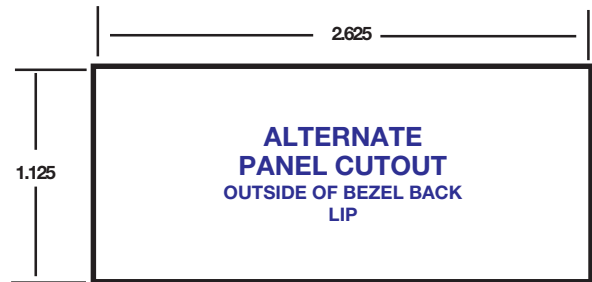
POWER	FUNCTION/RANGE	
# 5V COMMON - 9V INDEPENDENT	"J-1,2 & 6" Bridged "J-3,5 & 7 Open "J-3,5 & 7" Bridged "J-1,2 & 6 Open	
INPUT	FUNCTION/RANGE	DECIMAL JUMP.
200mA DC	"200mA" & "mA" Bridged	P1 On P2,3 Off
VAC 200 500	"AC" Bridged and "200" Bridged or "500" Bridged	P1 On P2,3 Off All Off
#VDC 200mV 2V # 20V 200V 500V #Factory Set	"DC" Bridged and "200mV" Bridged or "2" Bridged or "20" Bridged or "200" Bridged or "500" Bridged	P1 On P2,3 Off P3 On P1,2 Off P2 On P1,3 Off P1 On P2,3 Off All Off
Display "-"	on Negative input Value	"N" On



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P P P
3 2 1

DECIMAL POINT LOCATION



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