

DIGITAL PANEL METER

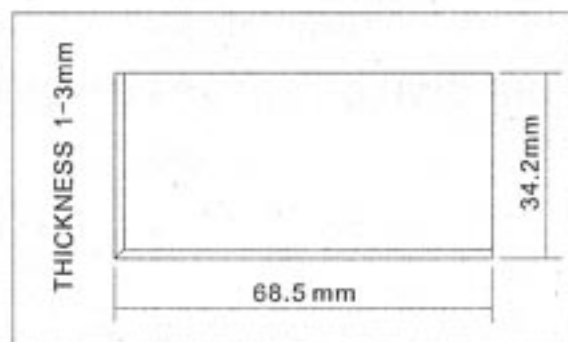
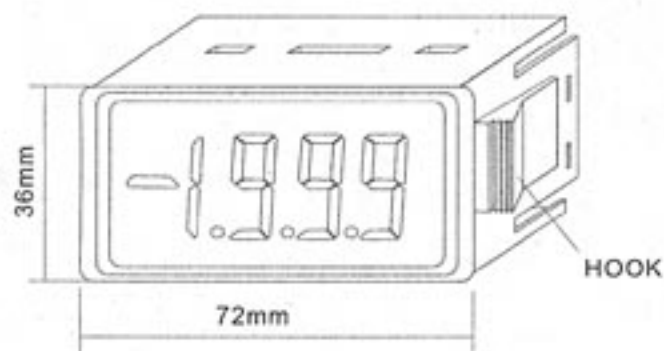
APPLICATIONS:

Digital Panel Meters are universal A/D display modules. With their high impedance, good linearity and variable reference voltage, you can use them directly not only as a DCV meter, but also as a DVA meter, ACV meter, Thermometer and Sound Level meter and so on with a sensor compensating its output into linearity.

SPECIFICATION:

POWER SUPPLY:	DC 5V \pm 5%, <135 mA
TEST RANGE:	\pm 199.9mV
INPUT IMPEDANCE:	1Mohm
ACCURACY & LINEARITY:	\pm 0.2% OF READING + 2 COUNTS
TEMPERATURE COEFF:	BETTER THAN 60PPM/ $^{\circ}$ C
OVER RANGE:	"1"
OTHERS:	AUTO ZERO AND POLARITY,
DISPLAY:	3.5 DIGITS LED 0.56" RED
MOUNTING METHOD:	PLUG-IN-SELF-CLIP
SIZE:	72X36X25(mm)

SIZE AND THE CUTOUT DIMENSIONS:

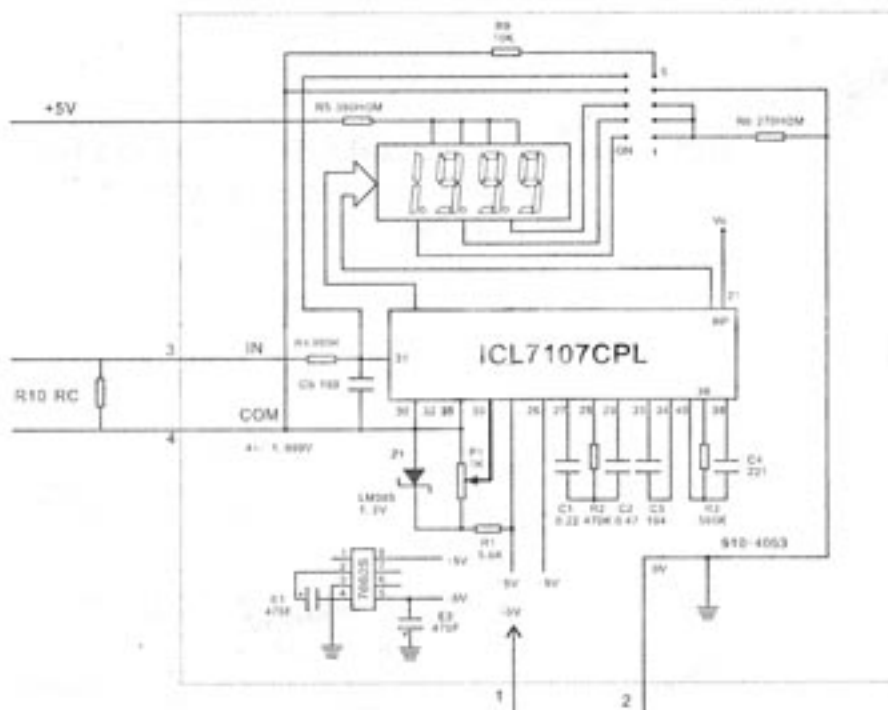


PIN OUT DEFINITIONS



- 1) POWER SOURCE DC5V +
- 2) POWER SOURCE GROUND
- 3) INPUT +
- 4) INPUT -

ELECTRIC DIAGRAM:



FEATURES OF DIP SWITCH:

NO.	"ON"	"OFF"	FACTORY SETUP
1.	DP3 ON	DP3 OFF	OFF
2.	DP2 ON	DP2 OFF	OFF
3.	DP1 ON	DP1 OFF	ON
4.	SINGLE INPUT	DIFFERENCE INPUT	ON
5.	100 TIMES RANGE	BASE RANGE	OFF

DIP SWITCH SETUP FOR DIFFENT RANGE:

SPACE = OFF

X = WANT ONLY

199.9mV	19.99V	DIP SWITCH Number	199.9mA	1999mA
		1	(Rc: 1 Ω)	(Rc: 0.1 Ω)
	ON	2		
ON		3	ON	
X	X	4	X	X
	ON	5		

REMARK:

HOW TO TEST DC CURRENT: ADD EXTERNAL SHUNT RESISTOR R_c AT THE INPUT TERMINALS, ITS VALUE AS FOLLOWS:

RANGE	R_c
199.9mA	1 OHM (0.5W)
1999mA	0.1 OHM (5W)