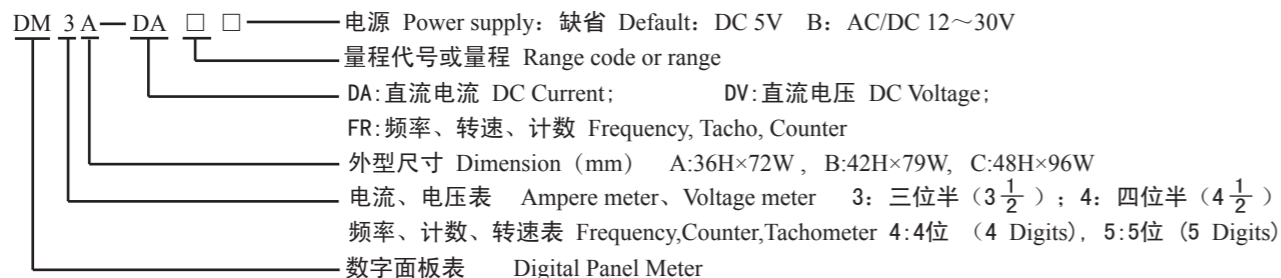




特点: FEATURES

- ⊙通用性表壳, 体积小 Current watchcase, compact size
- ⊙测量准确、性能可靠 Precise measuring ,reliable performance
- ⊙具有小数点设定功能 With decimal point setting function

一、型号及含义 ORDERING CODE



二、型号及技术参数 MODEL AND SPECIFICATION

1、直流电压、电流表 DC DIGITAL VOLTMETER,AMMETER

【1】直流数字电压表 DC DIGITAL VOLTMETER

型号Model	量程Range	分辨力Resolution	输入电阻Input Impedance	精度Measuring Accuracy	最大允许Input protecting
DM3 □-DV0.2	199.9mV	100uV	10MΩ	±0.5%F.S ±2Digits	10V
DM3 □-DV2	1.999V	1mV	10MΩ	±0.5%F.S ±2Digits	100V
DM3 □-DV20	19.99V	10mV	10MΩ	±0.5%F.S ±2Digits	250V
DM3 □-DV200	199.9V	100mV	10MΩ	±0.5%F.S ±2Digits	500V
DM3 □-DV600	600V	1V	5MΩ	±1%F.S ±2Digits	1000V
DM4C-DV2	1.9999V	100uV	10MΩ	±0.2%F.S ±2Digits	100V
DM4C-DV20	19.999V	1mV	10MΩ	±0.2%F.S ±2Digits	250V
DM4C-DV200	199.99V	10mV	5MΩ	±0.2%F.S ±2Digits	500V

说明:“□”中的外型尺寸. Notes:1、“□”means the dimension is selectable:A:36H×72W、B:42H×79W、C:48H×96W. 2、F.S means Full Span

【2】直流数字电流表 DC DIGITAL AMMETER

型号Model	量程Range	分辨力Resolution	输入电阻Input Impedance	精度Measuring Accuracy	最大允许Input protecting
DM3 □-DA0.0002	199.9uA	0.1uA	10KΩ	±0.5%F.S ±2Digits	10mA
DM3 □-DA0.002	1.999mA	1uA	100Ω	±0.5%F.S ±2Digits	50mA
DM3 □-DA0.02	19.99mA	10uA	10Ω	±0.5%F.S ±2Digits	150mA
DM3 □-DA200	199.9A	100mA	1Ω	±0.5%F.S ±2Digits	500mA
DM3 □-DA2	1.999A	1mA	0.1Ω	±0.5%F.S ±2Digits	3A
DM4C-DA20	19.999A	1mA	5MΩ	±0.2%F.S ±2Digits	24A
DM4C-DA200	199.99A	10mA	5MΩ	±0.2%F.S ±2Digits	240A

【3】电压、电流表技术参数 Digital Ampere Meter,Voltage Meter SPECIFICATION

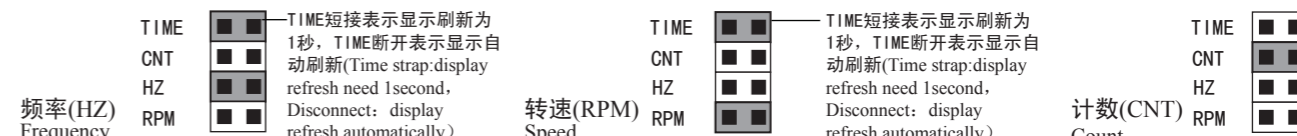
最大显示 Max.display	1999 (3 1/2); 19999 (4 1/2)
输入方式 Input mode	单端输入 Single end input
测量方式 Measuring mode	双积分 A/D 转换 Dual slope A/D conversion
测量速度 Sampling rate	约2.5次/秒 About 2.5 times/second
溢出显示 Overflow indication	“-1” or “1” (3 1/2); “0000” or “-0000” (4 1/2) LED闪动 LED flash
极性显示 Polarity display	只显示“-” Only “-” display
显示 Display	红色 LED Red LED
电源 Power supply	DC 5V ±10% ≤70mA(3 1/2); DC 5V ±0.2V ≤80mA (4 1/2)
工作温湿度 Operating temperature and humidity	0~50℃ <85%RH

2、频率、转速、计数面板表 FREQUENCY, TACHOMETER, COUNTER DIGITAL PANEL METER

【1】型号 MODEL

型号Model	测频范围Frequency range	测量转速范围Rotary speed range	计数范围Counter range	量程转换Range conversion
DM4A-FR1	1-9999HZ	60-9999Rpm	0-9999	自动Auto
DM4B-FR1	1-9999HZ	60-9999Rpm	0-9999	自动Auto
DM5C-FR1	1-9999HZ	60-99999Rpm	0-99999	自动Auto

【2】功能选择 FUNCTION SELECT

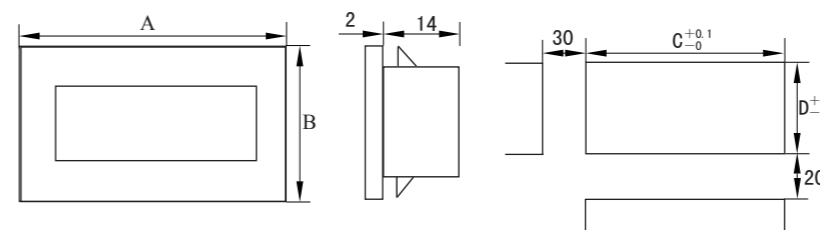


说明:改变功能后, 请复位或重新开关仪表电源一次 Notes:Once changing the function, please reset or switch the power again.

【3】技术参数 SPECIFICATION

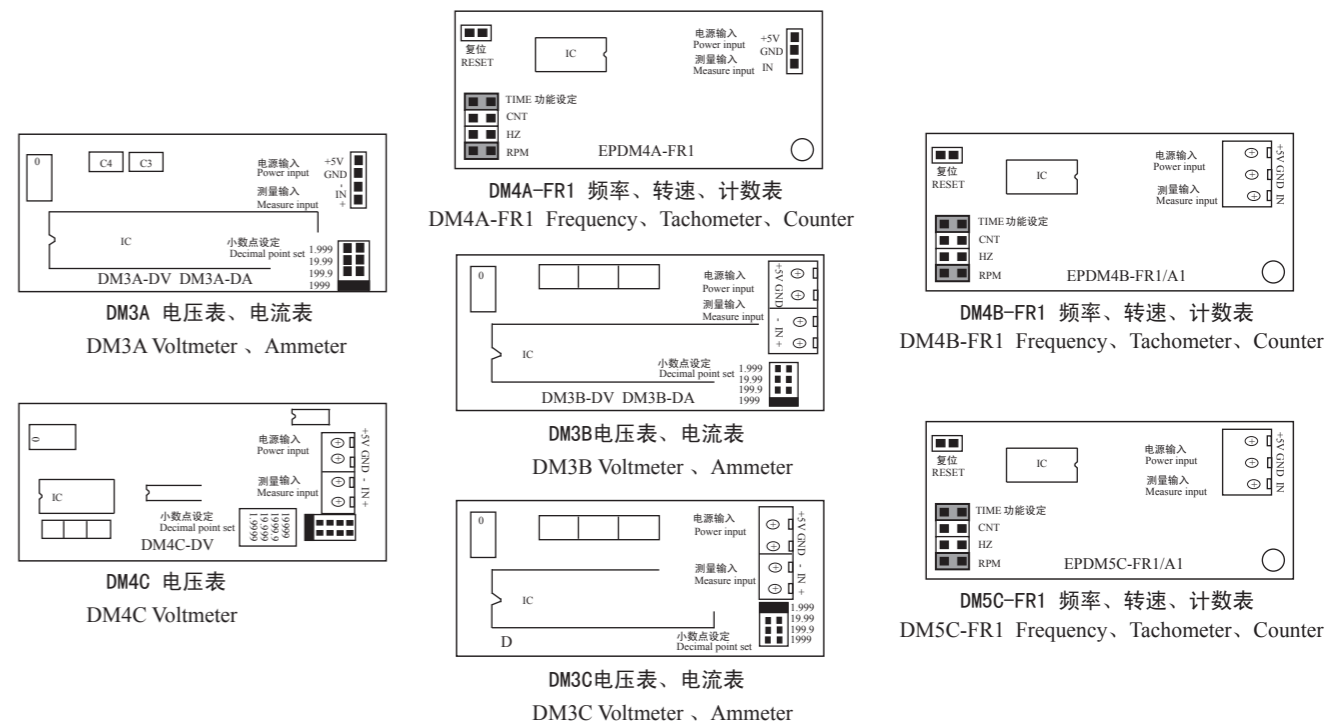
项目 Item	参数 Parameter
显示 Display	LED红色 Red LED
输入电阻 Input impedance	>10K
输入电平 Input lever	5~25V
输入波形 Input waves	方波信号 Square wave
极限输入电压 Voltage input limit	25V
频率精度 Frequency accuracy	±0.05%±1Digit (DM4A-FR1; DM4B-FR1); ±0.05%±10Digits (DM5C-FR1)
频率测量范围 Input frequency range	1~10K HZ
计数速度 Counting speed	≤1000CPS
频率采样时间 Sampling rate	自动 Auto
小数点 Decimal point	根据量程自动改变 Auto change according to the setting range
溢出显示 Overflow indication	“UUUU” or “UUUUU”
电源 Power supply	DC +5V±10% ≤90mA (可定做DC 12V或DC 24V电源) (DC 12V or DC 24V can be ordered)
工作温湿度 Operating temperature and humidity	0~50℃ <85% RH

三、外形及表盘加工尺寸 FIGURE AND DIMENSIONS



Model	型号	A	B	C	D
DM-A	DM-A	72	36	69	33.5
DM-B	DM-B	79	42	76	39.5
DM-C	DM-C	96	48	93	45.5

四、端子连接 TERMINAL CONNECTION



五、注意 CAUTIONS

- 若输入信号伴随高频干扰, 应在线里用高频过滤器。
If the input signal interfered by a High-frequency, a high-frequency filter should be used inside of the wire.
- 当电压与电流表共用一个电源极易造成数字表损坏, 各表头应隔离供电。
When Voltage meter and Ampere meter share the same power ground, it is easy to cause damage, each meter should isolate the supply power.
- 存放温度:-10℃ ~+70℃, 长期保存应避免直射光线。每三个月通电一次, 且通电时间不少于4小时。
Storage temperature:-10℃ ~+70℃, long time for storage in the shade.Please connect power supply every three months,each time power on no less than 4 hours.
- 本仪表校准时间间隔为一年。 The calibration interval time is one year.