

# DE数字面板表

## DE SERIES DIGITAL PANEL METER



### 特点：FEATURES

- ⊙通用性表壳，体积小巧 Universal case,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
- ⊙AC/DC 12~30V 供电 AC/DC 12~30V Power supply

### 一、型号及含义 ORDERING CODE

DE 3A-DA0.02	———	量程代号或量程 range code or range
DA	———	DA:直流电流 DC Ampere; DV:直流电压 DC Voltage ; AA:交流电流 AC Ampere ;AV:交流电压 AC Voltage
3	———	外型尺寸 Dimensions A:36H×72W(mm)
0.02	———	电流、电压表 Ammeter、Voltmeter 3: 三位半 (3 1/2)
	———	数字面板表 Digital Panel Meter

### 二、型号及技术参数 MODEL NO. AND SPECIFICATION

#### [1]交/直流数字电压表 AC/DC DIGITAL VOLTMETER

型号Model	量程Range	分辨力Resolution	输入电阻Input resistance	精度Measuring accuracy	最大允许输入Maximum input
DE3A-□0.2	199.9mV	100uV	2MΩ	±0.5%F.S ±2Digits	10V
DE3A-□2	1.999V	1mV	2MΩ	±0.5%F.S ±2Digits	100V
DE3A-□20	19.99V	10mV	2MΩ	±0.5%F.S ±2Digits	250V
DE3A-□200	199.9V	100mV	2MΩ	±0.5%F.S ±2Digits	500V
DE3A-□600	600V	1V	2MΩ	±1%F.S ±2Digits	1000V

说明：Notes：“□”信号类型选择 signal type selection: DV:直流电压 DC Voltage AV: 交流电压 AC Voltage

#### [2]交/直流数字电流表 AC/DC DIGITAL AMMETER

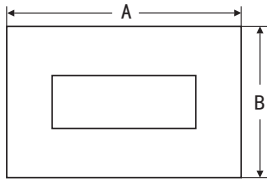
型号Model	量程Range	分辨力Resolution	输入电阻Input resistance	精度Measuring accuracy	最大允许输入Maximum input
DE3A-□0.002	1.999mA	1uA	100Ω	±0.5%F.S ±2Digits	50mA
DE3A-□0.02	19.99mA	10uA	10Ω	±0.5%F.S ±2Digits	150mA
DE3A-□0.2	199.9mA	100uA	1Ω	±0.5%F.S ±2Digits	500mA
DE3A-□2	1.999A	1mA	0.1Ω	±0.5%F.S ±2Digits	3A
DE3A-DA20	20A	10mA	DA 5MΩ (75mV变比输入)	±0.5%F.S ±2Digits	24A
DE3A-DA200	200A	100mA	DA 5MΩ (75mV变比输入)	±0.5%F.S ±2Digits	240A

说明：Notes：“□”信号类型选择 signal type selection: DA:直流电流 DC Ampere ; AA: 交流电流 AC Ampere

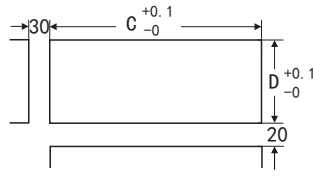
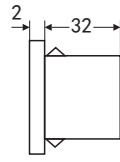
#### [3]电压、电流表技术参数 DIGITAL AMMETER,VOLTMETER SPECIFICATION

最大显示 Max.display	1999 (3 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
采样速度 Sampling rate	约2.5次/秒 Abt. 2.5/sec
溢出显示 Overflow indication	“-1” or “1” (3 1/2)
极性显示 Polarity display	只显示“-” Only “-”display
显示 Display	红色 LED Red LED
电源 Power supply	AC/DC 12-30V DC 24V≤45mA(3 1/2) ;
工作温度 Operating temperature and humidity	0~50℃ 相对湿度 30%~80%RH

### 三、外形及表盘加工尺寸 SHAPE AND DIMENSIONS



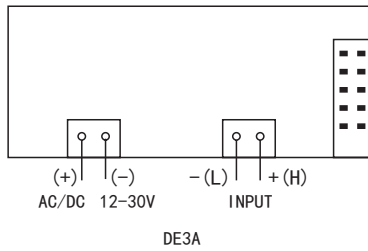
外型尺寸 Dimension



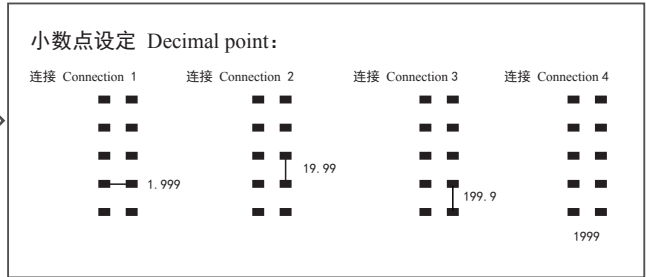
表盘加工尺寸 Panel dimension

型号(model)	A	B	C	D
DE3A	72	36	69	34

### 四、端子连接 TERMINAL CONNECTION



DE3A



### 五、注意 CAUTIONS

(1) 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 mixes with the high-frequency interference, a high-frequency filter should be used in the wire.

(2) 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。

They are easy to be damaged when the Voltmeter and Ammeter share power supply, so the power supply for the two should be isolated.

(3) 存放温度：-10°C ~ +70°C，长期保存应避免直射光线。每三个月通电一次，通电时间不少于4小时。

Storage temperature: -10°C ~ +70°C, avoid light point-blank when long-time storage, please connect it to the power once every three months and power-on time shouldn't be less than 4 hours each time.

(4) 本仪表校准时间间隔为一年。 The time calibration for this meter should be once a year.