

DP3-SVA 系列转速表专用数显表说明书

DP3-SVA Table brochures series Tachometer dedicated few Hin

特点: FEATURES



⊙本产品适用于各种具有线性输出特性的传感器或其它测量设备, 如压力、重量、温度、湿度等的测量。Be applicable for sensors with linear output features or other equipments, such as measuring pressure, With decimal point, span, range and digit zero setting function.

⊙具有小数点设定、比率、量程及零点调整功能。

Weight temperature and humidity and so on.

一、型号 ORDERING CODE

DP3-SVA ———— 三位半转速专用表

3 1/2 Tachometer dedicated tew Hin table

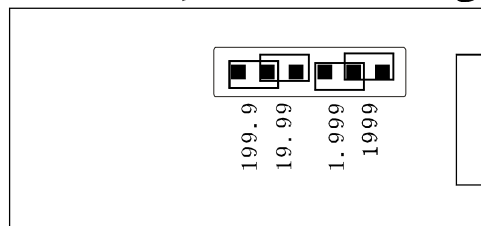
二、技术参数 SPECIFICATIONS

测量功能 Measured function	与各种传感器配套测量 Equipped with sensors
输入方式 Input mode	电流 Ampere、电压 VoitageV
精度 Accuracy	$\pm 0.5\%F.S \pm 2\text{Digit}$ (23°C $\pm 5^\circ\text{C}$)
A/D转换 A/D converter	二重积分 Dual slope
采样速度 Sampling rate	约2.5次/秒 Abt.2.5/S
最大显示 Max.Display	1999 自由设定小数点 free setting decimal point arditrarily
显示 Display	红色数码管高14.2mm redLED 14.2mmH
变送输出负载Loading of analog output	$\leq 600\Omega$
使用温度 Operating temperatute	0°C~50°C
电源 Power supply	AC 220V 50/60Hz
外形尺寸 Outside dimension	48mm(H) \times 96mm(W) \times 100mm(D)DIN
重量 Weight	250g
绝缘强度 Insulation strength	AC 1500V 1min
绝缘阻抗 Insulation impedance	DC 500V $\geq 100M\Omega$

三、功能设定 FUNCTION SETTING

在进行量程和小数点切换时, 必须把线路板从机壳上御出, 可以看到下图所示插针位置。

While setting the range and the decimal point, be sure to pull out the internal printed circuit board, as the following figure shows.



小数点设置插针
THE PIN HEAD OF DECIMAL
POINT SETTING

小数点设定 Decimal point setting

当你移到插针上的短路插, 就可以得到所示小数点位置。

While moving the jumper cap on difficult PIN head, you can get the position of the DP that you want

注: 该仪表出厂时设定量程时0~10V, 相应的显示0~2000, 用户根据自己的实际使用情况选择你所需要的量程和小

数点位置。Notes: The original range is 0~10V display 0~2000, you can adjust it as what you want.

四、显示值调节 DISPIAYADFUSTING

在进行比率和零点调节时，必须打开前面的活动盖。调节孔如图 3。

While setting the range and the decimal point ,be sure to pull out the internal printed circuit board, as the following figure shows.



图3

1. 比率调节 SPAN ADJUSTMENT

比率调节功能，以某定值输入，顺时针调节可以增大显示值，逆时针调节可以减小显示值。

Input a typical value ,it can be increased,when forward adjust,the display value can be decreased while reverse adjust.

2. 零点调节 ZERO ADJUSTMENT

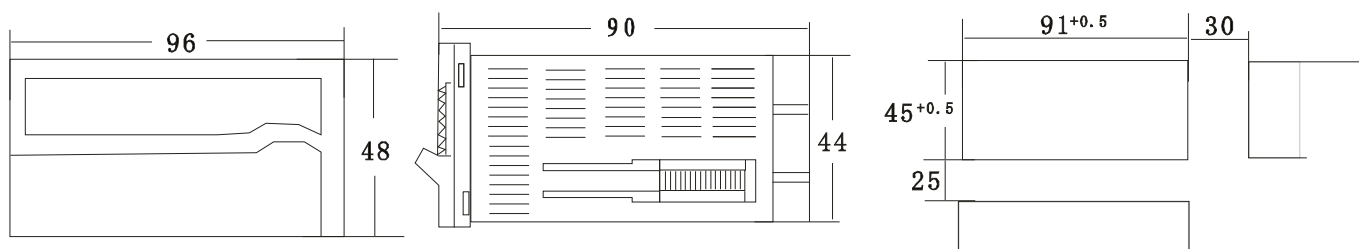
零点调节功能，顺时针调节偏负，逆时针调节偏正。

Function, forward adjust is forward biased, reverse adjust is reverse biased.

注意：调节SPAN比率值和量程设定后，必须检查零点看是否需要重新调整，调零点时必须在零输入或者输入一个所需调零值，如4~20mA输入、4mA输入时，需显示零时，则要在输入端输入4mA信号而调零。为了减少误差，请重复调整SPAN及ZERO。

Notes:After the adjustment of span value and scale setting,you need to check whether zero need to be reseteel.Zero adjustment must be in zero input or input shor tcircuit or an adjustment signal.Fox example,inputting 4~20mA,if you want to display zero,you display zero,you must input 4mA in the terminal then adjust to zero.In order to diminish error,please adjust span and zero repeatedly.

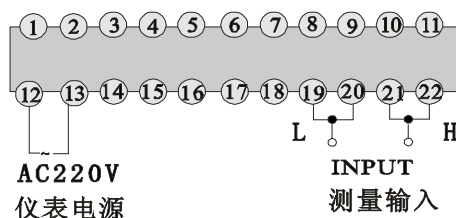
五、外形及表盘加工尺寸 FIGURE ANE DIMENSIONS



六、端子连接 TERMINAL CONNECTION

注： 仪表若有新的改动，恕不另行通知，请您按仪表外壳上的接线图接线。

Note: If any changes of the meters,no notifled,please refer to the diagram sticking on the enclosure.



七、注意事项 CAUTIONS

1.适宜使用环境温度0℃~50℃，相对湿度85%以下。

Used in ambient temperatures of 0℃ to 50℃,humidity less than 85%R.H.

2.输入导线不宜过长，使用屏蔽线较好。Input wire should not be too long,had better be shielded.

3.使用时应远离干扰源。Operation and installation should be far away from the disturbant soutce.

4.防止强烈震动和冲击。Avoid using by violent vibrations or shock.

5.防止大量灰尘以及有害化学药品侵入。Avoid dust or corrosive chemical.