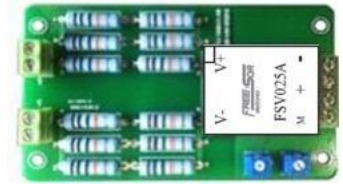
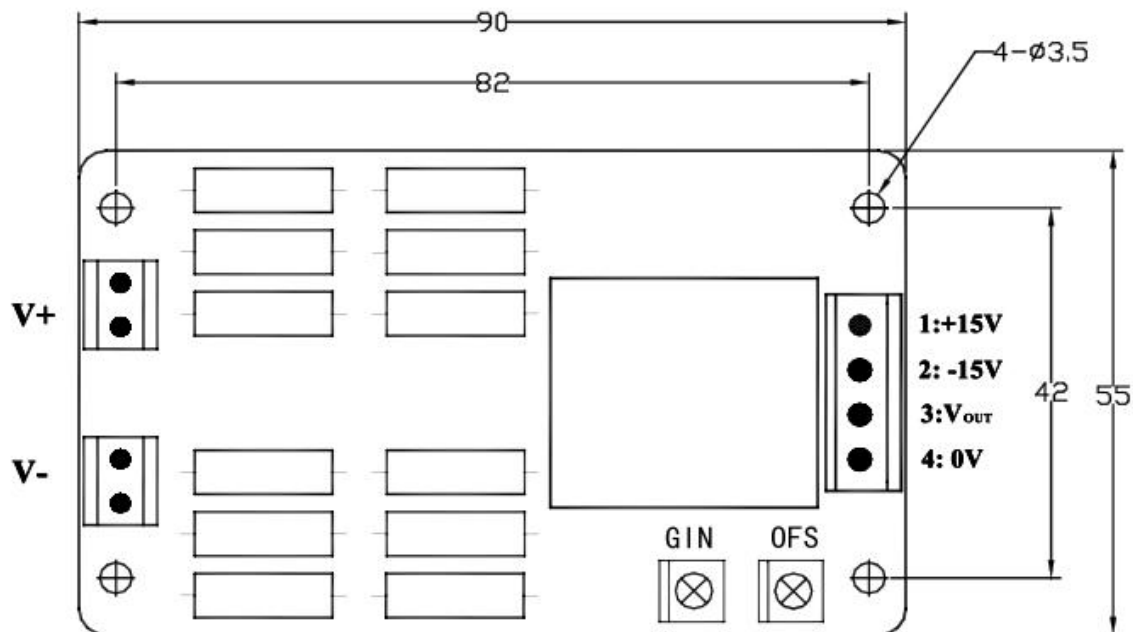


FSV1200DP 系列霍尔电压传感器



电参数/Electrical characteristics								
	型号/Type	FSV100DP	FSV200DP	FSV400DP	FSV800DP	FSV1000DP	FSV1200DP	
VPN	原边额定输入电压 Rated voltage value	100	200	400	800	1000	1200	V
Vp	原边电压测量范围 Corresponding to the measured voltage range	0~±150	0~±300	0~±600	0~±1200	0~±1500	0~±1500	V
Vour	副边额定输出电压 Rated output voltage of secondary side	4±1%						V
Vc	电源电压 Rated output voltage	±15(+5%)						V
Ic	电流消耗 Static power consumption	30						mA
Va	绝缘电压 Insulation voltage	在原边与副边电路之间3KV有效值/50Hz/1分钟 3KV RMS /50Hz/1 min between primary and secondary side circuits						
8L	线性度 Linearity	<0.2						%FS
Vo	零点失调电压 Offset voltage	T ₄ =25°C <±25						mV
Vor	失调电压温漂 Thermal drift of V0	V _p =0 T _A =-25~+85°C <±1						mV/°C
Tr	响应时间 Response time	<100						us
TA	工作环境温度 Ambient operating temperature	-25~+85						°C
Ts	贮存环境温度 Ambient storage temperature	-40~+100						°C
	标准 Standard	GI/FS-0105						

外形尺寸(mm)/Dimensions of drawing(mm)



引脚说明: 1, +15 V 2, -15V 3, V_{out} 4, 0V (电源地) OFS, 零点调节 GIN, 幅度调节
Elucidation: 1, +15 V 2, -15V 3, V_{out} 4, 0V (power ground) OFS, zero adjustment GIN, amplitude adjustment

使用说明/Remarks:

1. 传感器错误的接线可能导致模块损坏。传感器通电后，当被测电压从传感器输入端接入，即可在输出端测得同相电压值。

Incorrect sensor connections may cause module damage. After the sensor is powered on, when the measured voltage is connected from the input end of the sensor, the in-phase voltage value can be measured at the output end.

2. 传感器的输出幅度可根据用户需求进行适当的调节。

The output amplitude of the sensor can be adjusted according to the user's needs.