

HIGH/LOW SETTER

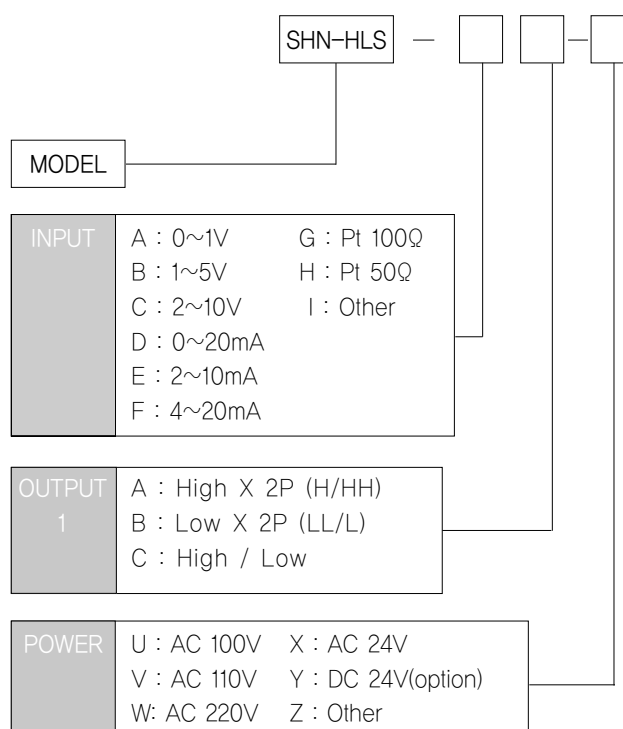
SHN-HLS



Providing alarm output signal when a input signal values are higher or lower than the standard values.

- Contains overvoltage protection circuit.
- FND display.
- Various alarm applications.
- High density mounting.
- Selecting Power Voltage AC 110V/220V converting S/W is located in the interior of the set. When you converting the voltage, convert the S/W in socket PCB.

MODEL & SUFFIX CODE SELECTION



GENERAL SPECIFICATIONS

Power Supply	AC rating ±10%, approx. 4VA DC rating ±10%, (ripple 10%)100mA		
Accuracy	±0.015%(Max)		
Temp Coefficient	±0.02% / °C(±0.008%/°F)		
Insulation Resistance	Greater than 100MΩ with DC 500V		
Dielectric Strength	Input — Power GND — Power	AC 2500V	1 minute
Overrange Output	approx. −10% ~ 110% at DC 1~5V		
Response Time	0.5 sec (0~90%)		
Operating Temperature/Humidity	−20~60℃ / 90%(N.C)		
Storage Temperature/Humidity	−20℃~80℃ / 95%(N.C)		
Dimensions	W50×H85×D133(mm)		
Case Material	ABS Resin (black)		
Weight	about 450g		
Mounting	Wall & Rail mounting		

SIGNAL CONVERTER

SHN-HLS

INPUT & OUTPUT SPECIFICATIONS

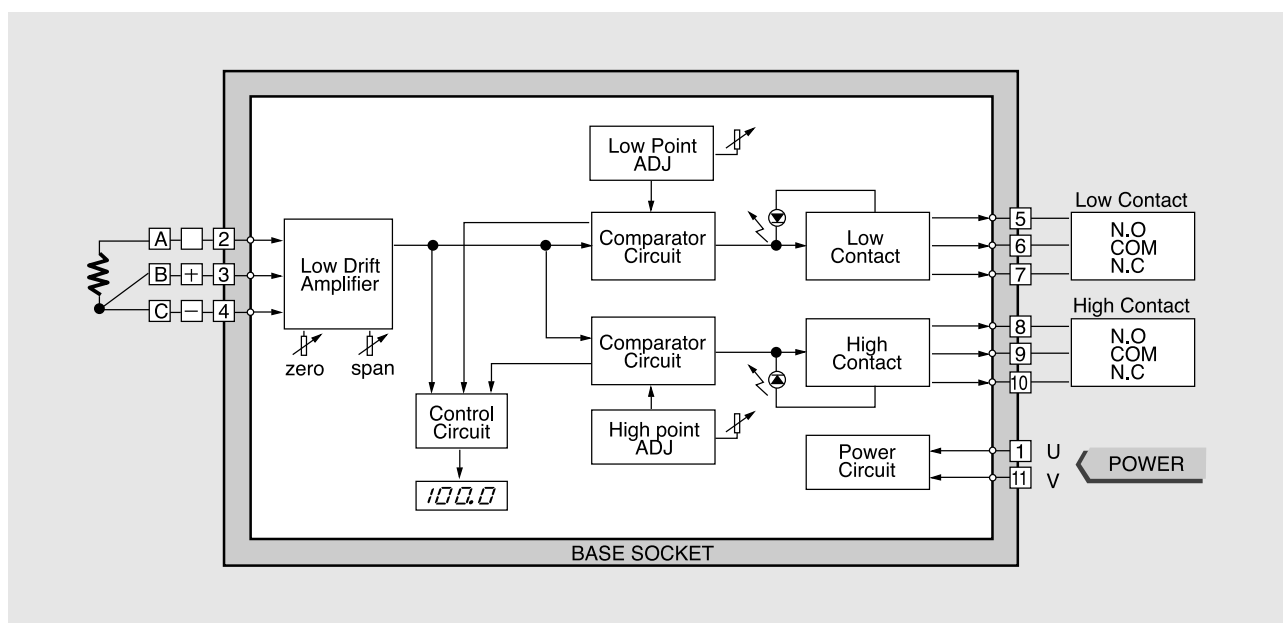
Input Specification

IInput	Impedance
4~20mA	250Ω
0~20mA	250Ω
2~10mA	250Ω
1~5V	1MΩ (Min)
0~1V	1MΩ (Min)
0~10V	1MΩ (Min)

Output Specification

voltage	DC 60V(Max) AC 125V(p-p)1A(Max)
Load Current	1A(Max)

BLOCK DIAGRAM



SETTING METHOD

SHN-HLS is supply with indicator that values is 0~100% rate of indicate of proportion to the input value.

1. Connect the power and then the RUN LAMP is ON, at the same time display indicate the input values.
2. Push the SEL key and then LOW LAMP is ON, there after setting the LOW VALUES(turning the setting point with screw driver)
3. Push the SEL key one more the HIGH LAMP is ON, after that setting the HIGH VALUES. (turning the setting point with screw driver)
4. Push the SEL key moreover the RUN LAMP is ON, and display indicate the input values.
5. If the input values are above or more than the settet values, the LOW or HIGH lamp is operate and provides output signal to relay contact closures.