

HIGH/LOW SETTER

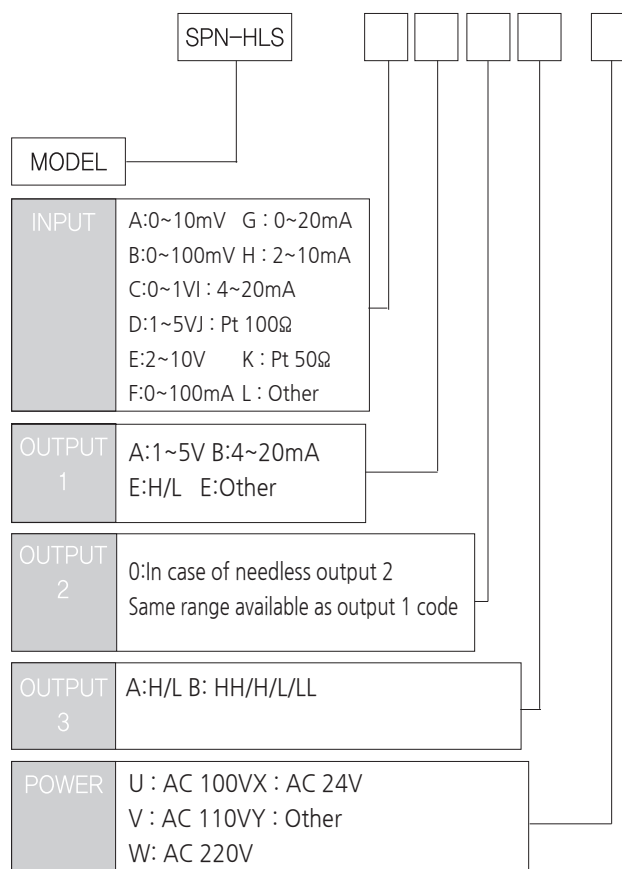
SPN-HLS



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

- Contains overvoltage protection circuit.
- FND display.
- Various alarm applications.
- High density mounting.
- Analog output.

MODEL & SUFFIX CODE SELECTION



GENERAL SPECIFICATIONS

Isolation/Type	Input to output to power / Transformer isolation type
Power Supply	AC rating $\pm 10\%$, approx 4VA(Analog output at 7.5VA)
Accuracy	$\pm 0.15\%$ (Max)
Temp Coefficient	$\pm 0.015\%$, / $^{\circ}\text{C}$ ($\pm 0.008\%$ / $^{\circ}\text{F}$)
Linearity	$\pm 0.02\%$ F.S
Insulation Resistance	Greater than 100M Ω with DC 500V
Front Adjustments	Zero and Span $\pm 5\%$
Overrange Output	approx - 10% ~ 110% at DC 1~5V
Response Time	0.5 sec (0~90%)
Operating Temperature/Humidity	-20~60 $^{\circ}\text{C}$ / 90%(N.C)
Storage Temperature/Humidity	-20 $^{\circ}\text{C}$ ~80 $^{\circ}\text{C}$ / 95%(N.C)
Dimensions	W65×H129×D138(mm)
Case Material	Aluminum(black)
Weight	about 1000g
Mounting	Wall mounting

SIGNAL CONVERTER

SPN-HLS

INPUT & OUTPUT SPECIFICATIONS

Input Impedance

Input	Impedance
4~20mA	250Ω
1~5V	1MΩ(Min)

Output Load Resistance

Output	1 Point	2 Point		Remark
	Output	Output-1	Output-2	
4 ~ 20mA	700Ω	600Ω	350Ω	(Max)
1 ~ 5V	5kΩ	5kΩ	5kΩ	(Min)

Output Specification

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

BLOCK DIAGRAM

