

SIGNAL SELECTOR

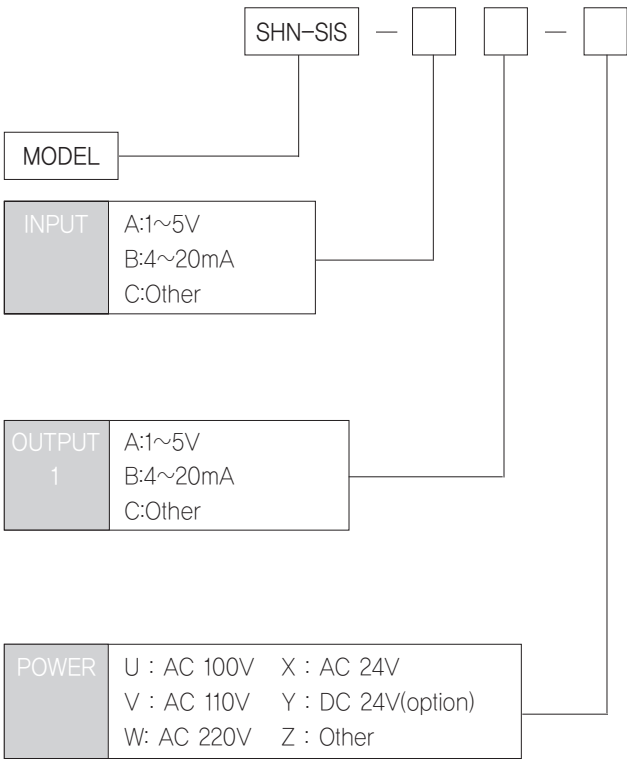
SHN-SIS



Providing one selected output signal from two input signal in isolated condition.

- High density mounting.
- Isolation between control room and field instrumentation.
- Contains overvoltage protection circuit.
- Transformer isolation type.

MODEL & SUFFIX CODE SELECTION



GENERAL SPECIFICATIONS

Isolation/Type	Input to output to power/Transformer isolation type		
Power Supply	AC rating ±10%, approx. 3.5VA		
Accuracy	DC rating ±10%, (ripple 10%)100mA		
Temp Coefficient	±0.02% / °C(±0.008%/°F)		
Linearity	±0.03% F.S		
Insulation Resistance	Greater than 100MΩ with DC 500V		
Dielectric Strength	Input – Power	AC 2500V	1 minute
	Input – Output		
	Output 1 – Output 2		
	GND – Power		
	AC 1000V		
Front Adjustments	Zero and Span ±10%		
Overrange Output	approx. -10% ~ 110% at DC 1~5V		
Response Time	≤0.5 sec (0~90%)		
Operating Temperature/Humidity	-20~60°C / 90%(N,C)		
Storage Temperature/Humidity	-20~80°C / 95%(N,C)		
Dimensions	8 pin:W50xH85xD122(mm) 11 pin:W50xH85xD133(mm)		
Case Material	ABS Resin (black)		
Weight	about 400g		
Mounting	Wall & Rail mounting		

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)

BLOCK DIAGRAM

