

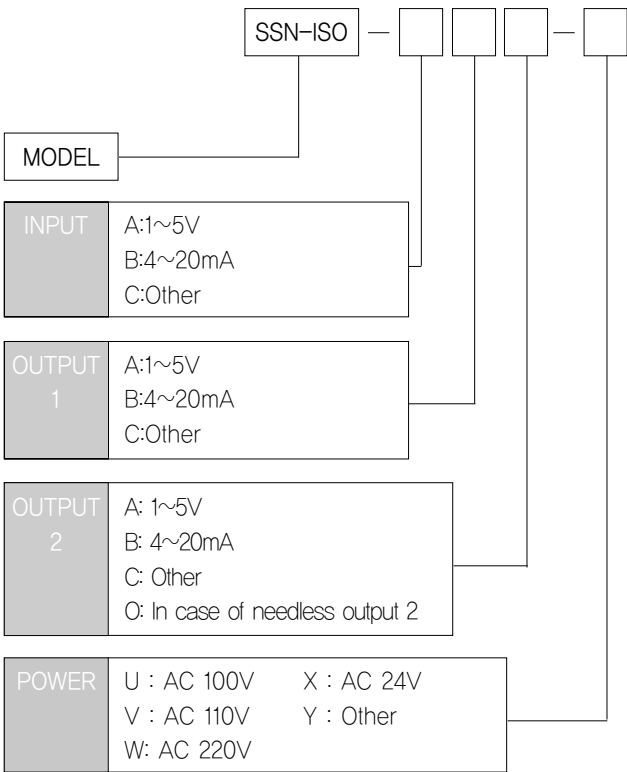
ISOLATOR

SSN-ISO



- A converter is used to transmits DC signal in isolated condition.
- Isolation between control room and field instrumentation.
 - 1 or 2 outputs are available from 1 input.
 - 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	±0.1%(Max)		
Temp Coefficient	±0.015% / °C(±0.008%/°F)		
Linearity	±0.02% F.S		
Insulation Resistance	Greater than 100MΩ with DC 500V		
Dielectric Strength	Input – Power	AC 2500V	1 minute
	Input – Output		
	Output 1 – Output 2	AC 1000V	
	GND – Power		
Front Adjustments	Zero and Span ±5%		
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	W40×H129×D138(mm)		
Case Material	Aluminum		
Weight	about 400g		
Mounting	Wall mounting		

INPUT & OUTPUT SPECIFICATIONS

Input Impedance

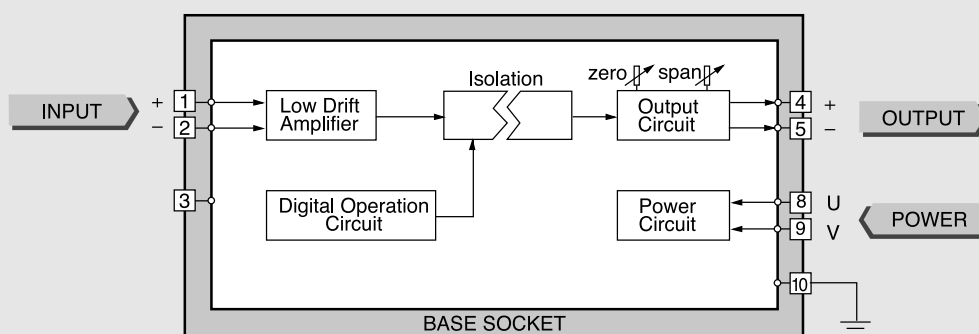
Input	Impedance
4~20mA	250Ω
1~5V	1MΩ (Min)

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

1 Point Output



2 Point Output

