

# CT TRANSMITTER

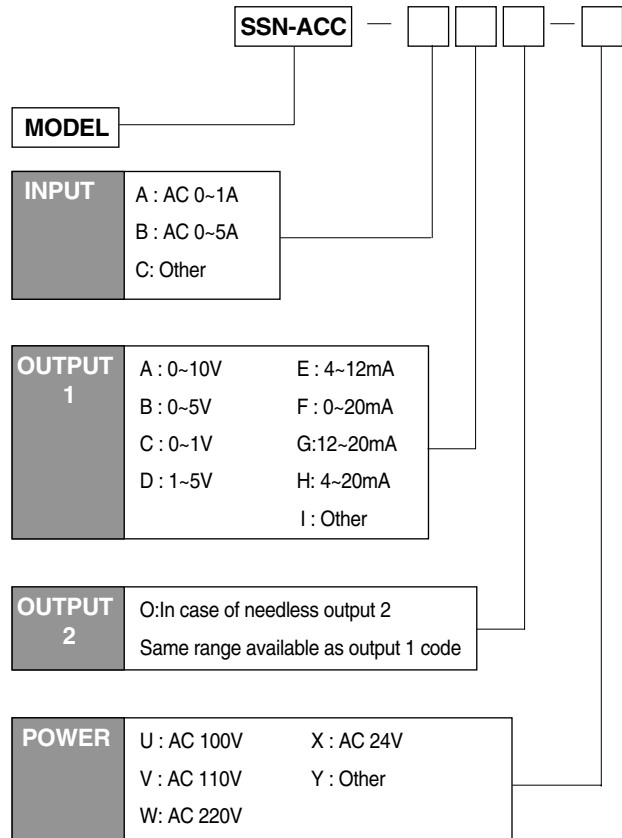
SSN-ACC



Converting an alternating current that receives from a CT-sensor into a standard process signal.

- Monitoring of power line and power supply current.
- Centralized monitoring and controlling of motors, pumps or heaters by DCS.
- True R.M.S. sensing.
- 1 or 2 outputs are available from 1 input.
- Contains overvoltage protection circuit.
- Transformer isolation type.

## MODEL & SUFFIX CODE SELECTION



## GENERAL SPECIFICATIONS

Input	AC Voltage(CT)		
Isolation/Type	Input to output to power/Transformer isolation type		
Power Supply	AC rating $\pm 10\%$ , approx 3,5VA		
Accuracy	$\pm 0,35\%$ (Max)		
Temp Coefficient	$\pm 0,02\%$ / $^{\circ}\text{C}$ ( $\pm 0,008\%$ / $^{\circ}\text{F}$ )		
Ripple	0,5% p-p(Max)		
Linearity	$\pm 0,3\%$ F,S		
Insulation Resistance	Greater than 100M $\Omega$ with DC 500V		
Dielectric Strength	Input — Power	AC 2500V	1 minute
	Input — Output		
	Output 1 — Output 2		
	GND — Power		
Front Adjustments	Zero and Span $\pm 5\%$		
Overrange Output	approx $-10\% \sim 110\%$ at DC 1~5V		
Response Time	$\leq 0,5$ sec (0~90%)		
Operating Temperature/Humidity	$-20 \sim 60^{\circ}\text{C}$ / 90%(N,C)		
Storage Temperature/Humidity	$-20^{\circ}\text{C} \sim 80^{\circ}\text{C}$ / 95%(N,C)		
Dimensions	W40×H129×D138(mm)		
Case Material	Aluminum		
Weight	about 450g		
Mounting	Wall mounting		

### INPUT & OUTPUT SPECIFICATIONS

#### Input Specification

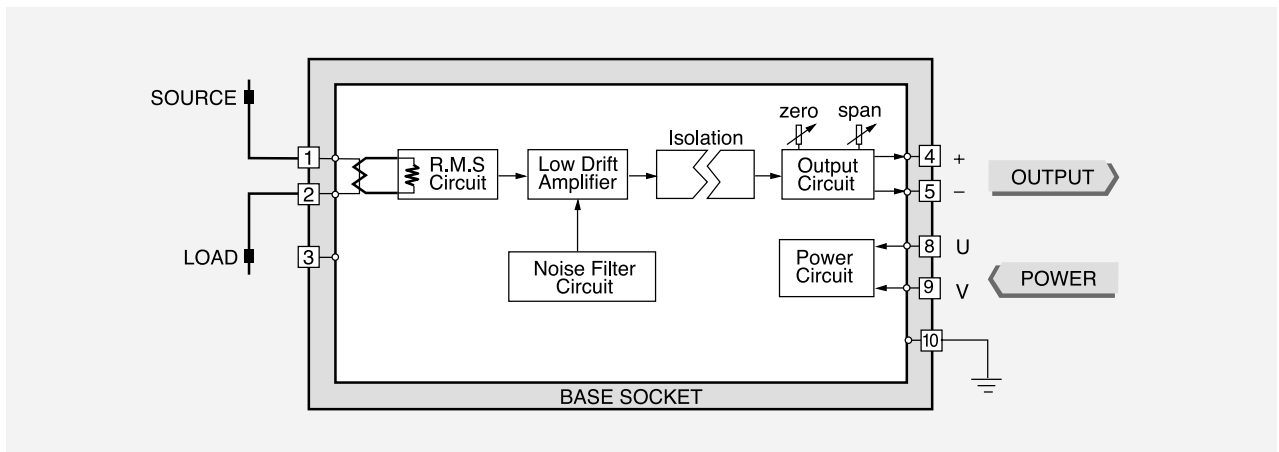
Specification	Report
Frequency	50Hz or 60Hz
Input Burden	0.5VA(Max)

#### Output Load Resistance

Output	1 Point	2 Point		Remark
	Output	Output-1	Output-2	
4 ~ 20mA	700Ω	600Ω	350Ω	(Max)
0 ~ 20mA	700Ω	600Ω	350Ω	(Max)
2 ~ 10mA	1200Ω	1200Ω	700Ω	(Max)
1 ~ 5V	5000Ω	5000Ω	5000Ω	(Min)
0 ~ 1V	1000Ω	1000Ω	1000Ω	(Min)

### BLOCK DIAGRAM

#### 1 Point Output



#### 2 Point Output

