

RTD CONVERTER

SD-RTD



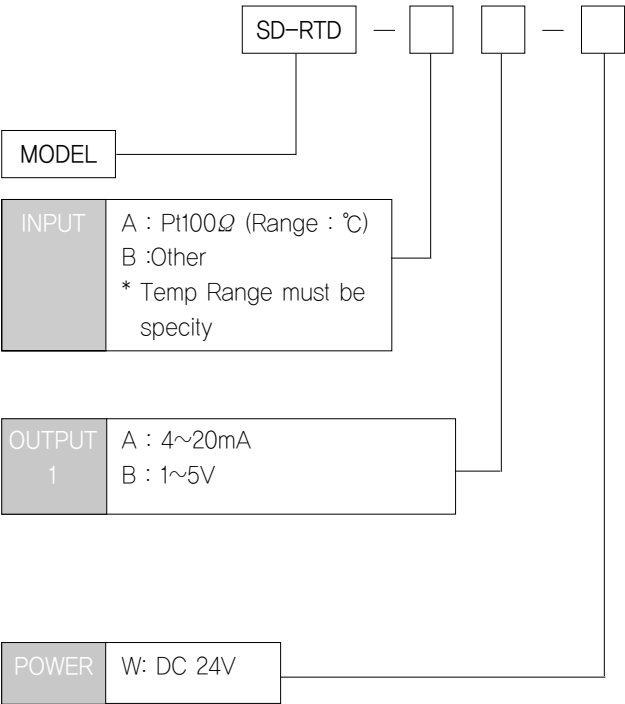
A converter is used to transmitter RTD signal in isolated condition.

- Isolation between control room and field instrumentation.
- 1 or 2 outputs are available from 1 input.
- Contains overvoltage protection circuit.
- Transformer isolation type.

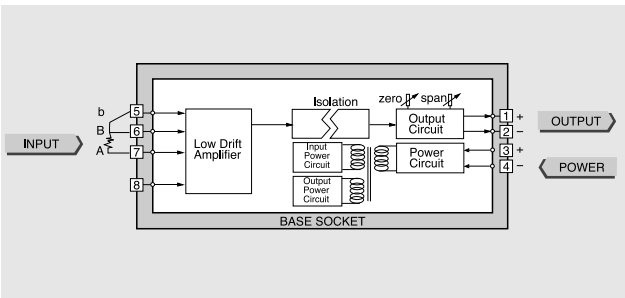
GENERAL SPECIFICATIONS

Power Supply	DC 18V~30V(Ripple 10%), 100mA			
Isolation type	Input to Output to Power Transformer Isolation type			
Accuracy	±0.1%(Max)			
Temp Coefficient	±0.015%/°C			
Linearity	±0.02% F.S			
Insulation Resistance	Greater than 100M Ω with DC 500V			
Dielectric Strength	Input – Power Output1 – Power GND – Power	AC 2000V AC 1000V	1 minute	
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°C/90%(N.C)			
Storage Temperature/Humidity	-20°C~80°C/95%(N.C)			
Dimensions	W34×H105×D100(mm)			
Case Material	ABS Resin(Black or Grey)			
Weight	about 200g			
Mounting	Din Rail mounting			

MODEL & SUFFIX CODE SELECTION



BLOCK DIAGRAM



DIMENSIONS(unit :mm)

