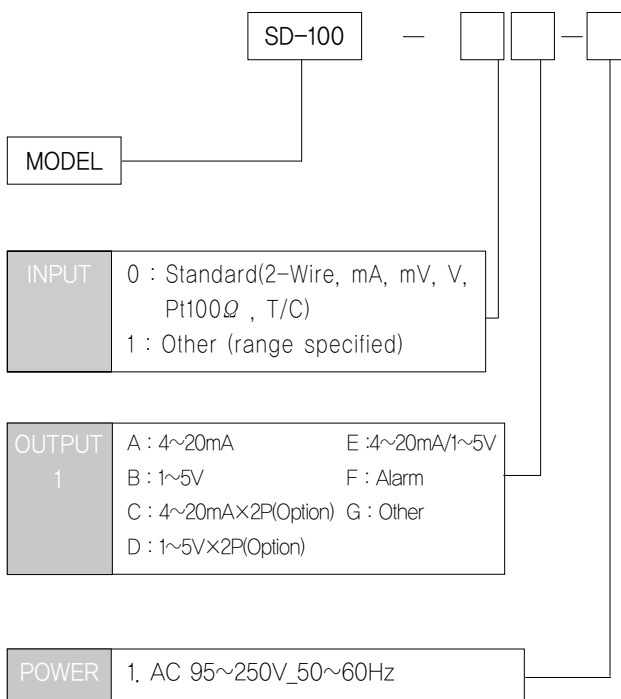


SMART TYPE ALARM SETTER

SD-100



MODEL & SUFFIX CODE SELECTION



FEATURE

- Universal input mode (2-wire, mA, mV, V, T/C, RTD)
- It is realized hi effectiveness and hi accuracy use by 16bit AD converter.
- It contains peak hold function so it possible to use various application.
- Contain burnout function that give high output and display warning message when sensor line was disconnected by accident or other reasons.

GENERAL SPECIFICATIONS

Power Supply	AC 95V~250V(50~60Hz)		
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 100MΩ with DC 500V		
Dielectric Strength	Input – Power		1 minute
	Output 1 – Power	AC 2500V	
	GND – Power	AC 1000V	
Overrange Output	approx. -10% ~ 110% at DC 1~5V±5%		
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	W34×H105×D100(mm)		
Case Material	ABS Resin(Black or Grey)		
Weight	about 200g		
Mounting	Din Rail mounting		

MULTI RANGE INPUT

Free input selection by code

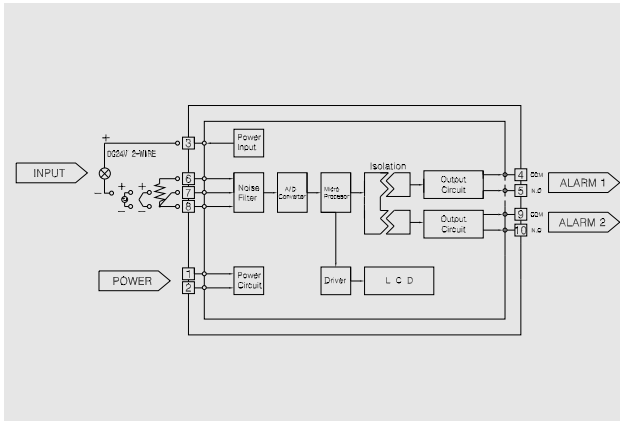
Input		Range of input and scale	MIN Span	Message
T/C	R (PR 13%)	0~1750°C	300.0°C	ℓℓ-r
	K (CA)	-200~1350°C	300.0°C	ℓℓ-ℓ
	E (CRC)	-200.0~700.0°C	200.0°C	ℓℓ-E
	J (IC)	-200.0~800.0°C	200.0°C	ℓℓ-J
	T (CC)	-200.0~400.0°C	50.0°C	ℓℓ-t
RTD	Pt100Ω(DIN)	-200.0~800.0°C	50.0°C	Pℓ
	JPt100Ω	-200.0~500.0°C	50.0°C	JPℓ
mA		0~20.0mA(-999~9999)		ñA
mV		-50.0~50.0mV(-999~9999)		ñu
V		-10.00~10.00V(-999~9999)		u
2-Wire		4~20mA(-999~9999)		2ur

SIGNAL CONVERTER

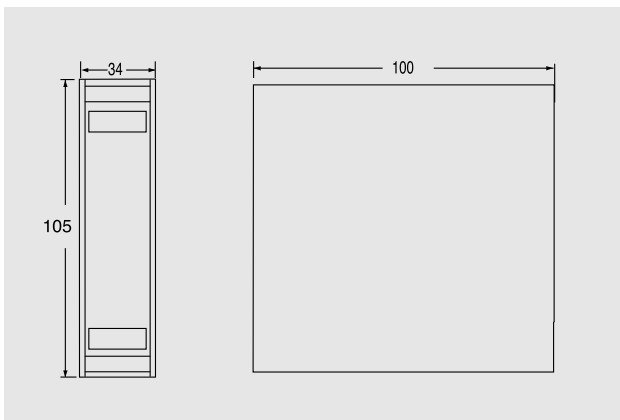
SD-100

BLOCK DIAGRAM

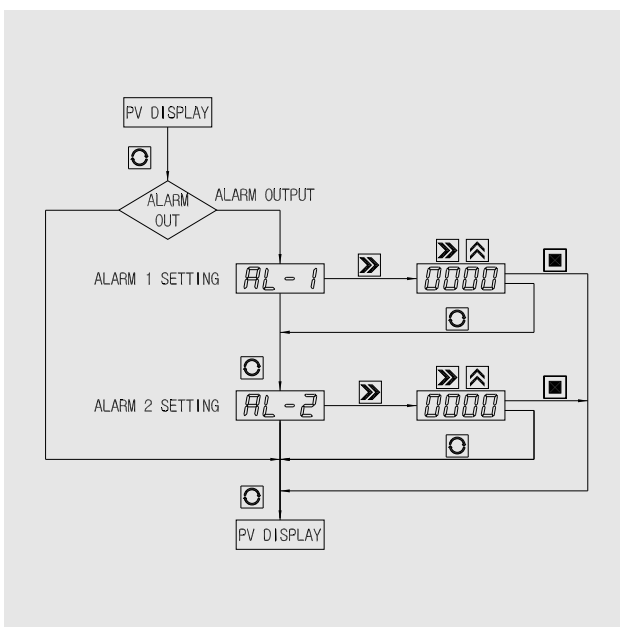
Alarm Output



Dimensions (unit:mm)



Alarm Setting(운전방법)



Program Setting(설정방법)

