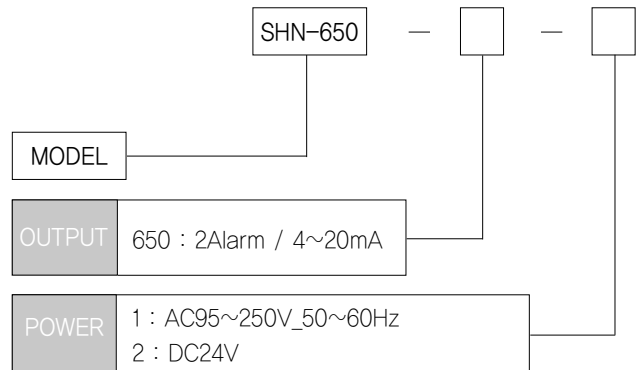


# PROGRAMABLE CONVERTER

SHN-650



## MODEL & SUFFIX CODE SELECTION



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

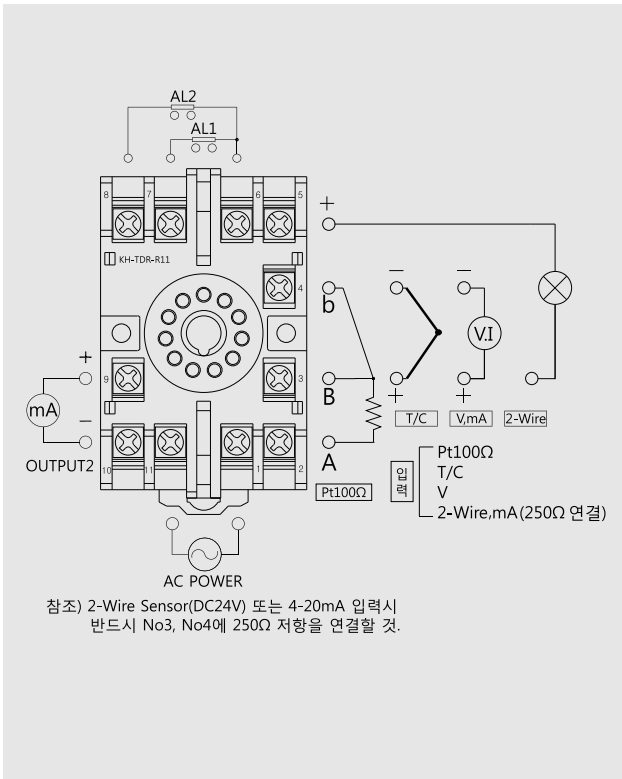
## GENERAL SPECIFICATIONS

Power Supply	DC 24V Type AC 24V Type AC Type	DC18V ~ 30V,(ripple 10%) 80mA AC12V ~ 25V(50~60Hz), 3VA AC95 ~ 250V_50~60Hz
Display Accuracy	-9999~9999, 7Segment 4Digit ±0.2% Full Scale, ±1 Digit(25°C ±5°C)	
Input Impedance	V Type Pt100Ω Q, T/C Type	400kΩ 1M
Sampling cycle	V Type Pt100Ω Q, T/C Type	200ms 400ms
CMRR	140dB or More	
NMRR	50dB or More	
Sensor Power	DC24V / 30mA (±5% or less)	
Temp Coefficient	±0.015% / °C	
Isolation Resistance	Greater then 100MΩ with DC500V	
Dielectric Sterngth	Input - Power Output - Power GND - Power	AC2000V AC1000V 1 mminute
Operating Temperature / Humidity	-20~60°C / 90% (N.C)	
Storage Temperature / Humidity	-20~80°C / 95% (N.C)	
Dimensions	W50*H85*D133 (mm)	
Case Material	ABS Resin ( black)	
Weight	about 400g	
Mounting	Wall & DIN Rail mounting	

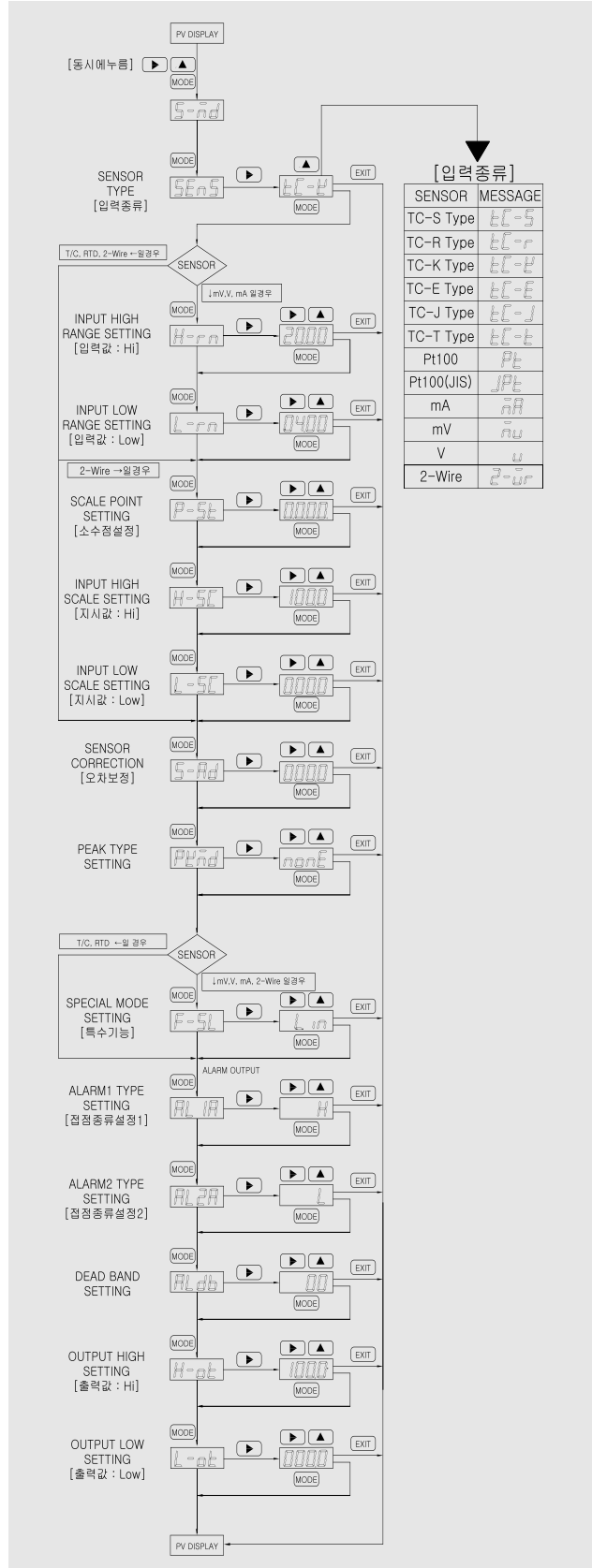
## MULTI RANGE INPUT

Sensor		Range of Input and Scale	MIN Span	Message
T/C	S	0~1750°C	300.0°C	εε-5
	R (PR13%)	0~1750°C	300.0°C	εε-r
	K (CA)	-200~1350°C	300.0°C	εε-ε
	E (CRC)	-200~700°C	200.0°C	εε-E
	J (IC)	-200~800°C	200.0°C	εε-J
	T(CC)	-200~400°C	50.0°C	εε-ε
	RTD	Pt100Ω	-200~800°C	50.0°C
JPt100Ω		-200~500°C	50.0°C	JPε
mA		0~20mA(-9999~9999)		~A
mV		-50~50mV(-9999~9999)		~u
V		-10~10V(-9999~9999)		ε
2-Wire		4~20mA(-9999~9999)		ε-ur

### CONNECTION EXAMPLE



### PROGRAM SETTING



### ALARM SETTING

