

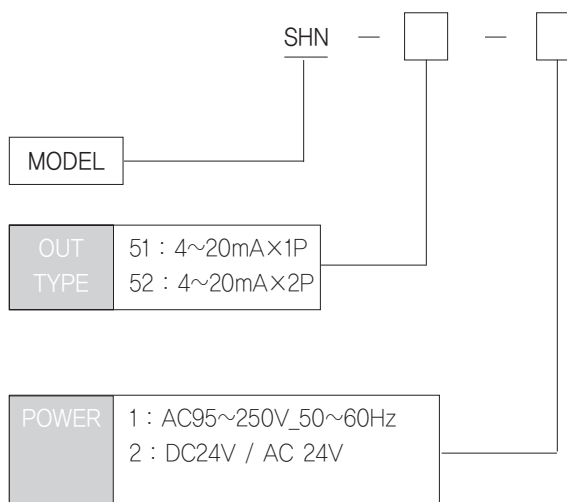
PROGRAMABLE CONVERTER

SHN-500



- Universal input mode (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 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.

MODEL & SUFFIX CODE SELECTION



GENERAL SPECIFICATIONS

Power Supply	DC 24V Type AC 24V Type AC Type		
Display Accuracy	-999~9999, 7Segment 4 Digit ±0.2% Full Scale, ±1 Digit (25℃ ±5℃)		
Input Impedance	V Type PT100 Ω, T/C Type	400K Ω 1M Ω	
Sampling cycle	V Type Pt100 Ω, T/C Type	200ms 400ms	
CMRR(Common Mode Rejection Ratio)	140dB or more		
NMRR(Normal Mode Rejection Ratio)	50dB or more		
Sensor Power	DC 24V / 30mA (±5% or less)		
Temp Coefficient	±0.015% / °C		
Insulation Resistance	Greater then 100M Ω with DC500V		
Dielectric Strength	Input - Power Output - Power GND - Power	AC2000V AC1000V	1 minute
Operating Temperature / Humidity	-20~60℃ / 90% (N.C)		
Storage Temperature / Humidity	-20~80℃ / 95% (N.C)		
Dimensions	11Pin: W50 × H85 × D133(mm)		
Case Material	ABS Reson (black)		
Weight	about 400g		
Mounting	Wall & Rail mounting		

SIGNAL TRANSMITTER

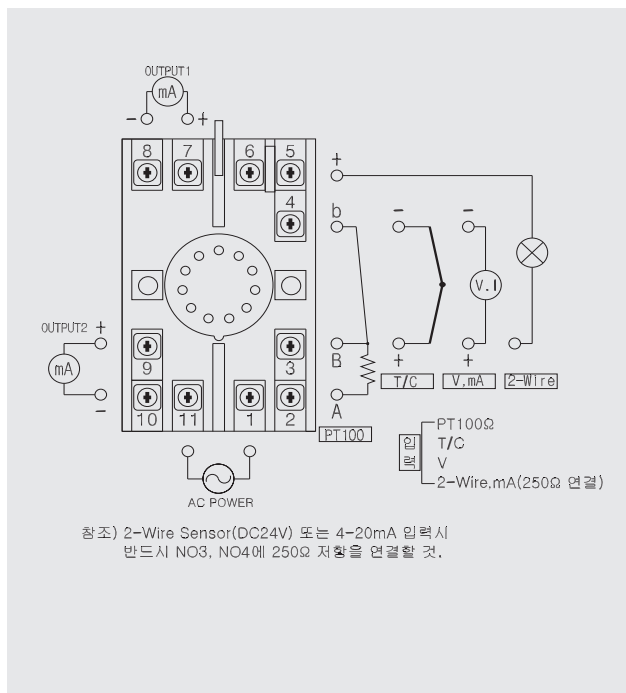
SHN-500

MULTI RANGE INPUT

Free input selection by code

Input		MIN Span	Message
T/C	R (PR 13%)	0~1750°C	tc-r
	K (CA)	-200~1350°C	tc-k
	E (CRC)	-200.0~700.0°C	tc-e
	J (IC)	-200.0~800.0°C	tc-j
	T (CC)	-200.0~400.0°C	tc-t
	S	0~1750°C	tc-s
RTD	Pt100 Ω (DIN)	-200.0~800.0°C	Pt
	JPt100 Ω	-200.0~500.0°C	JPt
mA		0~20.0mA(-999~9999)	mA
mV		-50.0~50.0mV(-999~9999)	mV
V		-10.00~10.00V(-999~9999)	V
2-Wire		4~20mA(-999~9999)	2w

CONNECTION EXAMPLE



설정방법

