

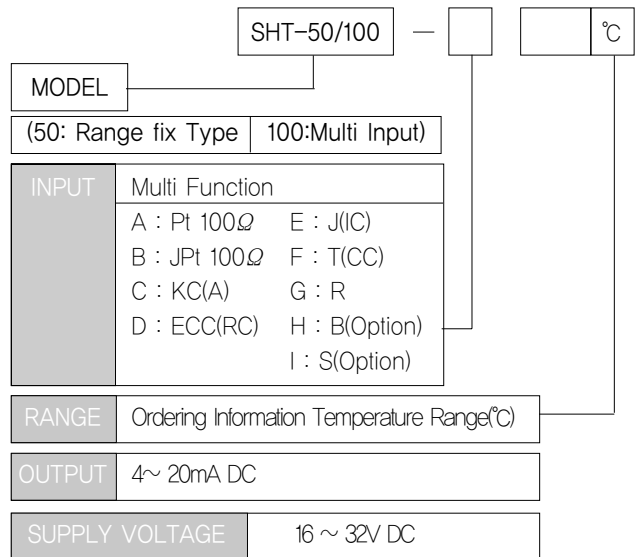
HEAD-MOUNTED TRANSMITTER

SHT-50/100



- Multi input(Pt100Ω, T/C)
- Roder Setting(Program, Mode)
- High-accuracy clod junction compensation
- Standard 4~20mA DC signal
- SHT-50:Range fix Type

MODEL & SUFFIX CODE SELECTION



GENERAL SPECIFICATIONS

Power Supply	DC12V ~45V	
Output Limited	LOW	3,8mA
	Hfhigh	20,8mA
Input Max Lead Resistance	RTD	10Ω
	Other	300Ω
CMRR	140dB or more	
NMRR	40dB or more	
Fiter Type Selection	None, Fir, 4AVG, 8AVG, 16AVG	
Output Ripple	0,5% of max output current	
Dielection Strength	Input-Output	AC 1000V/msec
	Insulation Resistance	100MΩ more with DC 500V
Load Limit	R=(Use-12)/0,21Ω	
Respohse Time	1 sec(Min)	
Operating Temperature/Humidity	-10°C ~ 60°C / 10~90% (N,C)	
Storage Temperature/Humidity	-20°C ~ 70°C / 5~95% (N,C)	
Dimensions	54Ø×24(mm)	
Case Material	ABS Resin(black & blue)	
Accuracy	±0,02% Full Scale, ±1	
Input Impedance	전압 : 1 MΩ 온도 : 1 MΩ or more	
Temp Coefficient	±0,015% /°C	

TEMPERATURE RANGE

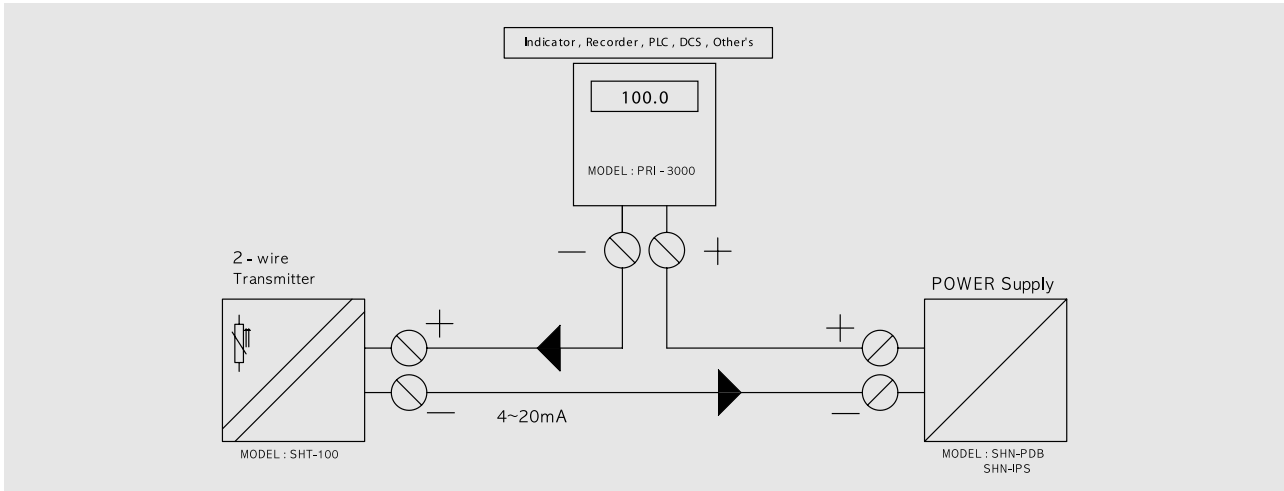
Multi input range (PC Download)

Input	Range of input and scale	MIN Span	Digital Accuracy
T/C	R (PR 13%)	0~1750°C	±0,60°C
	K (CA)	-200~1350°C	±0,35°C
	E (CRC)	-200,0~700,0°C	±0,20°C
	J (IC)	-200,0~800,0°C	±0,25°C
	T (CC)	-200,0~400,0°C	±0,25°C
RTD	Pt100	-200,0~800,0°C	±0,17°C
	JPt100Ω	-200,0~500,0°C	±0,17°C
mV	-50,0~50,0mV		

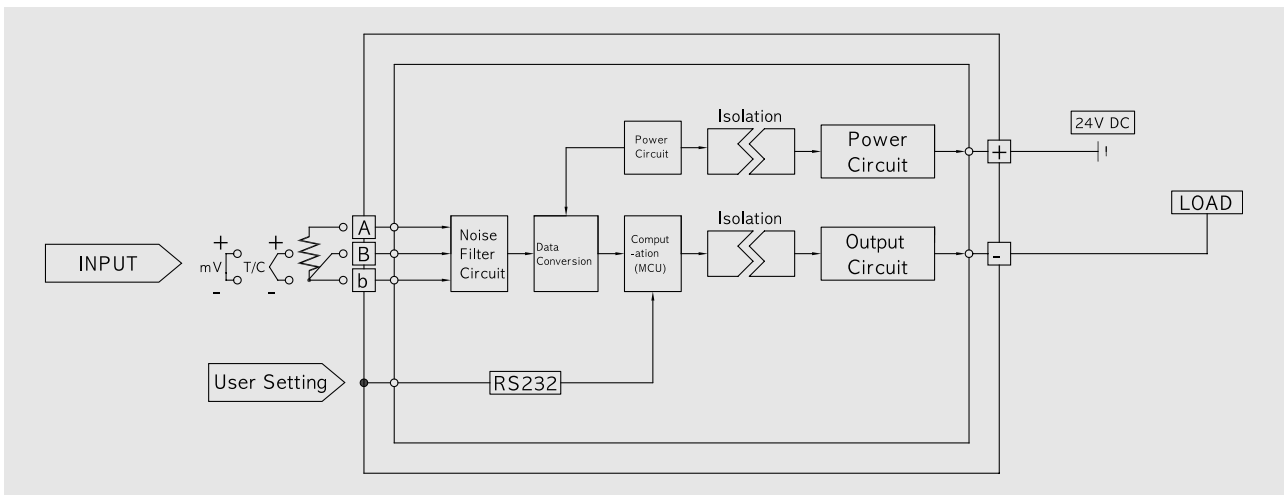
HEAD-MOUNTED TRANSMITTER

SHT-50/100

CONNECTION EXAMPLE



BLOCK DIAGRAM



DIMENSIONS

