

MULTI INPUT INDICATOR

PRI-3000 SERIES



FEATURE

- Universal input mode (mV, V, T/C, RTD, 2wire, mA)
- It is realized high effectiveness and high accuracy use by 16bit A/D converter.
- It contains peak hold function so possible to use various application.
- Relay alarm output selectable(optional)and dead band function contains.
- Isolated current output(4~20mA optional)also possible with scaling function.
- Contain burnout function that give high output and display warning message when sensor line was disconnected by accident or other reasons.

GENERAL SPECIFICATIONS

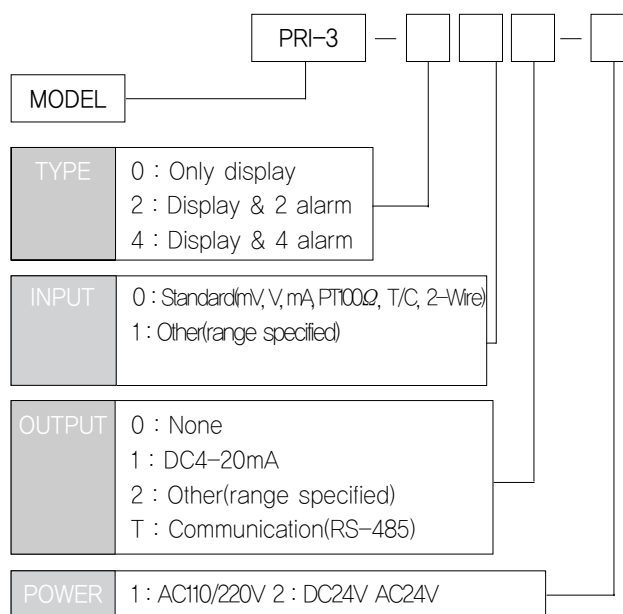
Power Supply	DC 24V Type AC 24V Type AC Type	DC18V ~ 30V, (ripple 10%)100mA AC12V ~ 26V(50~60Hz), 4VA AC110/220V 60Hz ±10%, 4VA	
Display	-9999~9999, 7Segment 4 Digit		
Accuracy	±0.2% Full Scale, ±1 Digit (25℃ ±5℃)		
Input Impedance	V Type mV, V, mA PT100 Ω, T/C Type	400KΩ 1M Ω	
Sampling cycle	V Type 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% / ℃		
Insulation Resistance	Greater then 100M Ω with DC500V		
Dielectric Strength	Input – Power Output–Power	AC2500V	1 minute
	GND – Power	AC1000V	
Operating Temperature / Humidity	-20~60℃ / 90% (N.C)		
Storage Temperature / Humidity	-20~80℃ / 95% (N.C)		
Dimensions	W96×H48×D112(mm)		
Case Material	ABS Reson(white)		
Weight	about 400g		
Mounting	Panel mounting Type		

MULTI RANGE INPUT

Free input selection by code

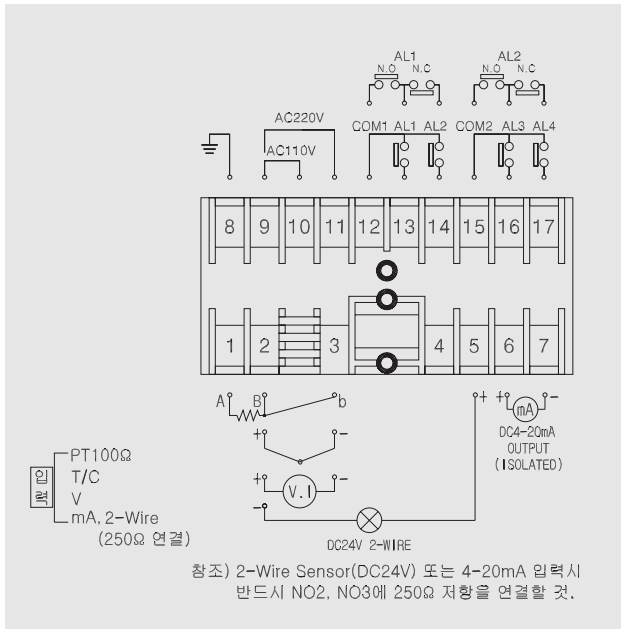
Input	Range of input and scale	MIN Span	Message
T/C	R (PR 13%)	0~1750°C	tc-r
	K (CA)	-200~1350°C	tc-k
	E (CRC)	-200.0~700.0°C	tc-e
	J (IC)	-200.0~800.0°C	tc-j
	T (CC)	-200.0~400.0°C	tc-t
RTD	RTD Pt100 Ω	-200.0~800.0°C	Pt
	Pt100 Ω (JIS)	-200.0~500.0°C	JPt
mA	0~20.0mA(-9999~9999)		mA
mV	-50.0~50.0mV(-9999~9999)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

MODEL & SUFFIX CODE SELECTION

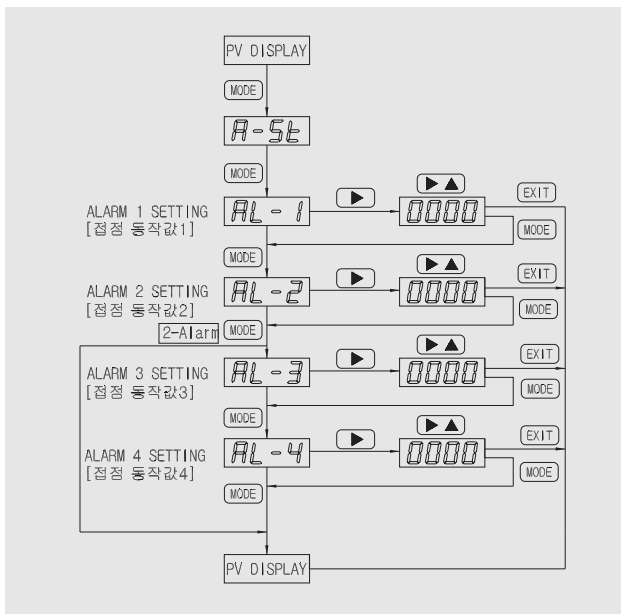


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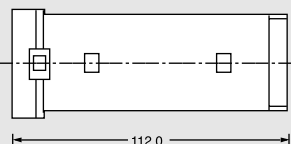
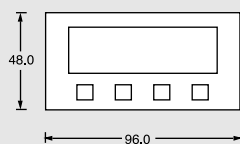
CONNECTION EXAMPLE



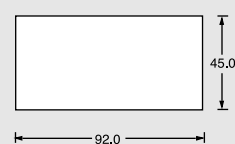
PROGRAM CHART



DIMENSIONS (unit : mm)



Cutting size



Program Setting

