


# Data sheet

Display method	4-digit 7-segment LED
Control method	ON/OFF, P, PI, PD, PID
Input specification	Thermocouple: K(CA), J(IC), T(CC), R(PR), S(PR), L(IC) RTD: DPt100Ω, Cu50Ω
Sampling cycle	100ms
Control output	Relay(250VAC~ 3A) or SSR drive(12VDC $\overline{\text{---}}$ ) [ON/OFF]
Option output	Alarm 1/2
Power voltage	100-240VAC~ 50/60Hz
Display accuracy_RTD	<ul style="list-style-type: none"> <li>•At room temperature(23°C ± 5°C):(PV ± 0.5% or ±1°C, select the higher one) ± 1-digit</li> <li>•Out of room temperature range:(PV± 0.5% or ±2°C, select the higher one)± 1-digit</li> </ul>
Display accuracy_Thermocouple	<ul style="list-style-type: none"> <li>•At room temperature(23°C ± 5°C):(PV ± 0.5% or ±1°C, select the higher one) ± 1-digit</li> <li>•Out of room temperature range:(PV± 0.5% or ±2°C, select the higher one)± 1-digit</li> </ul>
Hysteresis(adjustable sensitivity)	1 to 100°C/°F(0.1 to 50.0°C/°F) variable
Proportional band	0.1 to 999.9°C/°F
Integral time	0 to 9999 sec
Derivative time	0 to 9999 sec

Control period	0.5 to 120.0 sec
Manual reset	0.0 to 100.0%
Environment_Ambient temperature	-10 to 50°C, storage: -20 to 60°C
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Insulation type	Double insulation or reinforced insulation(mark:  , dielectric strength between the measuring input part and the power part: AC power 2kV, AC/DC Power 1kV)
Weight	Approx. 147g(approx. 100g)