Data sheet

Power voltage	100-240VAC~ 50/60Hz
Power consumption	Max. 8VA
Sampling cycle	50ms
Input specification	Thermocouple: K(CA), J(IC), T(CC), R(PR), S(PR), L(IC) RTD: DPt100Ω, Cu50Ω
Control output	Relay (250VAC~ 3A, 30VDC ⎓ 3A, 1a)
Alarm output	AL1/2: 250 VAC~ 3 A 1a
Option output	Modbus RTU
Display method	11 Segment (White, Green, Yellow), LCD type
Control method	ON/OFF, P, PI, PD, PID
Hysteresis	1 to 100℃/℉(0.1 to 50.0℃/℉) variable
Proportional band	0.1 to 999.9℃/℉
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℃, storage: -20 to 60℃
Environment_Ambient humidity	35 to 85%RH, Storage: 35 to 85%RH (no freezing or condensation)
Protection structure	IP50 (Front panel, IEC standards)
Insulation type	Double insulation (mark: ⧈, dielectric strength between primary circuit and secondary circuit: 3kV)
Unit weight (packaged weight)	≈ 97 g (≈ 150 g)

※When using the unit at low temperature (below 0℃), display cycle is slow. Control output operates normally.
※◎ At room temperature(23℃±5℃)
TC R(PR), S(PR) , below 200℃: (PV ±0.5% or ±3℃, select the higher one) ±1-digit, over 200℃: (PV ±0.5% or ±2℃, select the higher one) ±1-digit
TC L(IC), RTD Cu50Ω: (PV ±0.5% or ±2℃, select the higher one) ±1-digit
◎ Out of room temperature range
TC R(PR), S(PR): (PV ±1.0% or ±5℃, select the higher one) ±1-digit
TC L(IC), RTD Cu50Ω: (PV ±0.5% or ±3℃, select the higher one) ±1-digit
※The weight includes packaging. The weight in parenthesis is for unit only.
※Environment resistance is rated at no freezing or condensation.