


Data sheet

Number of input channels	4-channel
Power supply	24VDC $\pm 10\%$
Power consumption	≤ 5 W (for Max. load)
Sampling cycle	100ms(4-CH synchronous sampling)
RS485 Comm.	Modbus ASCII / RTU
Control output	22 VDC ± 3 V, ≤ 30 mA
Hysteresis	1 to 100 (0.1 to 100) °C/°F
Display method	Non-display
Control method	ON/OFF, P, PI, PD, PID
Proportional band	0.1 to 999.9°C/°F
Integral time	0 to 9999 sec
Derivative time	0 to 9999 sec
Control period	0.1 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: 1kV)
Weight_Expansion module	Approx. 231g(approx. 166g)

※The expansion module does not supply power/comm. terminal. Order it with the basic module.

※In case of thermocouple K, J, E, T, N, it is below -100°C and L, U, Platinel II, it is below $\pm 2^\circ\text{C}$ ± 1 -digit.

In case of thermocouple B, display accuracy cannot be ensured under 400°C.

In case of thermocouple R, S, it is below 200°C and C, G, it is max. 3°C ± 1 -digit.

※Influence of temperature: Applied when it is for out of room temperature ($23\pm 5^\circ\text{C}$) range.

※The weight includes packaging. The weight in parenthesis is for unit only.

※Environment resistance is rated at no freezing or condensation.