



M-7015 RTD Input Module

M-7015-G

Features

- Input Type : Supports 2/3 wire RTD
- Input channel : 6
- RTD Range : Pt100,Pt1000, Ni120, Cu100, Cu1000
- Resolution : 16-bit
- Accuracy : +/-0.05%
- Sampling Rate : 12 samples/second (Total)
- -3dB BandWidth : 5.24Hz
- Common Mode Rejection : Typical 86dB
- Voltage Input Impedance : >1M Ohms
- Individual Channel Configurable
- Wire Opening Detection
- Isolation Voltage : 3000Vdc

RTD Type Setting (TT)

Type Code	RTD Type	Temperature Range °C
20	Platinum 100, $\alpha = 0.00385$	-100 ~ 100
21	Platinum 100, $\alpha = 0.00385$	0 ~ 100
22	Platinum 100, $\alpha = 0.00385$	0 ~ 200
23	Platinum 100, $\alpha = 0.00385$	0 ~ 600
24	Platinum 100, $\alpha = 0.00391$	-100 ~ 100
25	Platinum 100, $\alpha = 0.00391$	0 ~ 100
26	Platinum 100, $\alpha = 0.00391$	0 ~ 200
27	Platinum 100, $\alpha = 0.00391$	0 ~ 600
28	Nickel 120	-80 ~ 100
29	Nickel 120	0 ~ 100
2A	Platinum 1000, $\alpha = 0.00385$	-200 ~ 600
2B	Cu 100 at 0°C, $\alpha = 0.00421$	-20 ~ 150
2C	Cu 100 at 25°C, $\alpha = 0.00427$	0 ~ 200
2D	Cu 1000 at 0°C, $\alpha = 0.00421$	-20 ~ 150
2E	Platinum -100, $\alpha = 0.00385$	-200 ~ 200
2F	Platinum -100, $\alpha = 0.003916$	-200 ~ 200
80	Platinum -100, $\alpha = 0.00385$	-200 ~ 600
81	Platinum -100, $\alpha = 0.003916$	-200 ~ 600

Communication Interface

- RS-485

Power Supply

- Input Voltage Range : +10~+30Vdc
- Power Consumption : 1.1W

Ordering Information

M-7015	RTD Input Module
M-7015 CR	RTD Input Module (RoHS)

Suggested Accessory

I-7520	I-7520 series converter for configuration or connection to PC
---------------	---