

Analog Input RTD

Input Channels	3
Input Type	RTD
Wire connection	2/3/4 wire
RTD Type	Pt100, Ni120, Pt1000
Resolution	16-bit
Sampling Rate	15/12.5 samples/sec filter at 60/ 50Hz
Accuracy	+/-0.1%
Band Width	15.7Hz
Zero Drift	+/-0.5uV/°C
Span Drift	+/-25uV/°C
Common Mode Rejection	150dB min
Normal Mode Rejection	100dB min
Open Wire Detection	Yes
Intra-module Isolation, Field to Logic	3000 VDC
Interface	
Interface	RS-485
Format	N, 8, 1
Baud Rate	1200 ~ 115200bps
LED Display	
1 LED as Power/ Communication indicator	
4 1/2 digits (for i-7033D)	
Power	
Input Voltage Range	+10 to +30 VDC
Power Consumption	1.0 W (i-7033) / 1.6W (i-7033D)
Environment	
Operating temperature	-25 to 75°C
Storage temperature	-40 to 85°C
Humidity	5 to 95%, non-condensing



i-7033D

3-channel RTD Input Module

Type Code	RTD Type	Temperature Range °C
20	Platinum 100, a= 0.00385	-100 ~ 100
21	Platinum 100, a= 0.00385	0 ~ 100
22	Platinum 100, a= 0.00385	0 ~ 200
23	Platinum 100, a= 0.00385	0 ~ 600
24	Platinum 100, a= 0.003916	-100 ~ 100
25	Platinum 100, a= 0.003916	0 ~ 100
26	Platinum 100, a= 0.003916	0 ~ 200
27	Platinum 100, a= 0.003916	0 ~ 600
28	Nickel 120	-80 ~ 100
29	Nickel 120	0 ~ 100
2A	Platinum 1000, a= 0.00385	-200 ~ 600
2E	PT 100, a= 0.00385	-200°C ~ +200°C
2F	PT 100, a= 0.003916	-200°C ~ +200°C
80	PT 100, a= 0.00385	-200°C ~ +600°C
81	PT 100, a= 0.003916	-200°C ~ +600°C

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