



## M-7015P

6-channel RTD Input Module with 3-wire RTD lead resistance elimination

### Specifications

<b>Analog Input</b>	
Input Channels	6
Input Type	RTD
Wire connection	2/3 wire
RTD Type	Pt100, Pt1000, Ni120, Cu100, Cu1000
Resolution	16-bit
Sampling Rate	12 samples/ second (Total)
Accuracy	+/-0.05%
-3dB BandWidth	5.24Hz
Zero drift	+/-20uV/°C
Span drift	+/-25ppm/°C
Common Mode Rejection	Typical 86dB
Normal Mode Rejection	100 dB
Voltage Input Impedance	>1M Ohms
Open Wire Detection	Yes
Individual Channel Configurable	Yes
3-wire RTD lead resistance elimination	Yes
ESD Protection	4KV Contact for each terminal, and 8KV Air for random point
EFT Protection	4KV to Power, and 1KV to RS-485
Intra-module Isolation, Field to Logic	3000 VDC
<b>Interface</b>	
Interface	RS-485
Format	N, 8, 1
Buad Rate	1200 ~ 115200bps
<b>LED Display</b>	
1 LED as Power/ Communication indicator	
<b>Power</b>	
Input	+10 to +30 Vdc
Power Consumption	1.2W
<b>Protocol</b>	
Support Modbus and DCON Protocol	Yes
<b>Environment</b>	
Operating temperature	-25 to 75°C
Storage temperature	-40 to 85°C
Humidity	5 to 95%, non-condensing