

- ◆ “Plug and Play” PT100 RTD Analog Expansion I/O
- ◆ Compatible with 2, 3 or 4 wire
- ◆ Works Seamlessly with the JNIOR 310
- ◆ Cost-Effective
- ◆ Web Based Configuration Screen
- ◆ Integrates Easily with Other Applications
- ◆ TCP/IP, Modbus and OPC Communications

The JNIOR platform of Ethernet I/O modules is more than just I/O. Starting with a core complement of digital I/O, the user can now easily add analog signals at any time. The JNIOR provides the central controller for seamlessly integrating the analog expansion modules. The modules can be plugged in and out while under power and be instantly recognized by the JNIOR.

The JNIOR can be used as a simple I/O gateway or as an advanced controller. With built-in features, optional add-on programs and the ability to easily integrate the JNIOR into your own software applications, the JNIOR meets all your needs now and in the future.

The INTEG PT100 RTD Expansion Module provides the capability for 4 RTD sensors to be added to the JNIOR. The JNIOR automatically recognizes the RTD module when connected via the Sensor Port. The RTD points are integrated with the JNIOR I/O data structure and made available via the built-in web pages, Windows API (DLL), OPC Server, Modbus/TCP protocol, and JNIOR/TCP data packets. The module configuration is completed via the built-in web page.

Any combination of two plug-and-play expansion modules can be daisy-chained to the JNIOR Model 310 via the Sensor Port.



Catalog No.	Inputs	Outputs
EXP-200-003	4 @ 2, 3 or 4 wire PT100 RTD	2 @ +10 VDC

Power Input	None required - Draws power via Sensor Port on JNIOR
Physical	
Dimensions	4 x 2 x 1.2 in. (102 x 51 x 31 mm)
Weight	4 ounces (115 grams)
Case	Flame Retardant ABS Plastic
RTD Inputs	
Quantity	4 Inputs
Range	Compatible with 2, 3, 4 wire PT100 Connects as a 3 Wire RTD
A/D Resolution	12 bits
Full Scale Accuracy	Better than 1% full-scale range
Sensor Port	I/O expansion via the Sensor Port Connector cable included
Environment	
Operating Temp	-15°F to 160°F (-25°C to 70°C)
Storage Temp	-40°F to 185°F (-40°C to 85°C)
Humidity	5 to 95% Non-Condensing
Installation	
Wiring	4 (3 wires ea) - 2-piece connectors
Mounting	Tabs with DIN-rail option available
Warranty	2 years

