integ process group, inc.

- *"Plug and Play"* 4-20 mA Analog Expansion I/O

- Works Seamlessly with the JNIOR 310

- Cost-Effective

- No Programming Required

- Web Based Configuration Screen

- Integrates Easily with Other Applications

- TCP/IP, Modbus and OPC Communications

The *JNIOR* family of I/O modules with "Advanced Capabilities" brings cost-effective and seamless connectivity and control, with web and IT friendly features, to a small amount of process signals for integration over the Ethernet network with a variety of asset management applications.

The INTEG Analog Expansion Module allows users of the *JNIOR* Model 310 to add analog I/O to their applications. The Model 310 automatically recognizes the analog module when connected via the Sensor Port. The analog module I/O points will be seamlessly integrated with the *JNIOR* I/O data structure and become instantly available via the built-in web pages, TCP/IP data packets, Modbus, Windows API (DLL), and OPC Server. The module configuration is completed via the built-in web page.

Up to 2 "plug and play" expansion modules can be daisy-chained to the *JNIOR* Model 310 via the Sensor Port.

Catalog No.	Inputs	Outputs
EXP-200-001	4 @ 4 – 20 mA	2 @ 4 – 20 mA

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
Analog Inputs	
Quantity	4
Range	4 – 20 mA
A/D Resolution	12 bits
Full Scale Accuracy	Better than 1% full-scale range
Analog Outputs	
Quantity	2
Range	4 – 20 mA
D/A Resolution	12 bits
Full Scale Accuracy	Better than 1% full-scale range
Sensor Port	I/O expansion via Sensor Port – can be located up to 50 feet from the *JNIOR*
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	2-piece connectors for wiring
Mounting	Tabs with DIN-rail option available
Warranty	2 years

integ process group, inc.

Get Connected. Get Results.