“Plug and Play” 10 VDC 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.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Inputs</th>
<th>Outputs</th>
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<tbody>
<tr>
<td>EXP-200-002</td>
<td>4 @ +-10 VDC</td>
<td>2 @ +-10 VDC</td>
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Power Input
None required – Module 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 -10 to +10 VDC

A/D Resolution 12 bits

Full Scale Accuracy Better than 1% full-scale range

Analog Outputs

Quantity 2

Range 0 to +10 VDC

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 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