

### JNIOR



**JNIOR Model 410**

<b>Catalog Number</b>	<b>JNR-100-004B</b>
<b>Optically Isolated Digital Inputs</b>	8 Optically Isolated Digital Inputs      0 to 60 Volts DC or AC at 2 amps
<b>Counters</b>	Inputs Double as Counters; Up to 2 kHz each; 32-Bit Counter Value; Power Fail Counter Value Storage
<b>Relay Outputs</b>	8 Relay Outputs      0 to 60 Volts DC or AC at 2 amps (Contact Ratings)
<b>Relay Output Configurations</b>	6 Relays have a Normally Open Contact  2 Relays (No. 1 and 2) are Configurable as Normally Open or Normally Closed Contact  High Voltage (120/240 VAC at 10 amps) Relay Outputs available via 4 Relay Expansion Module
<b>CPU / Operating System</b>	32-bit Microprocessor / JANOS—A Preemptive Multitasking Operating System (by INTEG)
<b>Device Power</b>	12 to 24 Volts DC or AC
<b>Memory</b>	64 MB DRAM, 2MB Battery backed SRAM, 32 MB Flash
<b>Custom Applications</b>	Written in Java to run on JNIOR JVM. Execute as .JAR file for easy development
<b>Physical Size / Weight / Case</b>	6 x 4 x 1.2 in. (152 x 102 x 31 mm) / 11 ounces (312 grams) / Flame Retardant ABS Plastic
<b>Analog Inputs / Analog Outputs</b>	Analog Input/Output Signals Available via Expansion I/O – Multiple Modules per JNIOR
<b>Operating Temperature / Storage Temperature / Humidity</b>	15°F to 160°F (-25°C to 70°C) / -40°F to 185°F (-40°C to 85°C) / 5 to 95% Non-Condensing
<b>Serial Port (COM)</b>	1- RS232 (COM: Command port & 2nd application use)
<b>Auxiliary Serial Port (AUX)</b>	1 - RS232 / RS422 / RS485 (AUX: Application use, provides additional hardware handshaking)
<b>Ethernet Port</b>	1 - RJ45 (10/100 Mbps)
<b>Sensor Port</b>	1 - Sensor Port for Expansion Modules and Sensors
<b>Connections / Mounting</b>	2 Piece Connectors / Tabs with DIN Rail option
<b>Certification</b>	TUV for Safety, FCC Class A for Noise Immunity, CE Mark, RoHS Compliant
<b>Warranty</b>	2 Years