

JNIOR



JNIOR Model 412

Catalog Number	JNR-200-004B
Optically Isolated Digital Inputs	4
Counter Inputs	4
	Inputs Double as Counters; Up to 2 kHz each; 32-Bit Counter Value; Power Fail Counter Value Storage
Relay Outputs	12
Relay Output Configurations	8 - Normally Open Contacts
	4 - Selectable Normally Open / Normally Closed Contacts
	Additional Relay Outputs available via Digital Expansion Modules (4 Relay Output & Power 4 Relay Output)
CPU / Operating System	32-bit Microprocessor / JANOS Operating System (by INTEG)
Power	12 to 24 Volts DC or AC
Memory	32 MB DRAM, 2MB Battery backed SRAM, 32 MB Flash
Custom Applications	Written in Java to run on JNIOR JVM. Execute as .JAR file for easy development
Physical Size / Weight / Case	6 x 4 x 1.2 in. (152 x 102 x 31 mm) / 11 ounces (312 grams) / Flame Retardant ABS Plastic
Analog Inputs / Analog Outputs	Analog Input/Output Signals Available via Expansion I/O – up to 2 Modules per JNIOR
Operating Temperature / Storage Temperature / Humidity	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
Serial Port (COM)	1 - RS232 (COM: Command port & 2nd application use)
Auxiliary Serial Port (AUX)	1 - RS232 / RS422 / RS485 (AUX: Application use, provides additional hardware handshaking)
Ethernet Port	1 - RJ45 (10/100 Mbps)
Sensor Port	1 - Sensor Port for Expansion Modules and Sensors
Connections / Mounting	2 Piece Connectors / Tabs with DIN Rail option
Certification	TUV for Safety, FCC Class A for Noise Immunity, CE Mark, RoHS Compliant
Warranty	2 Years