

JNIOR



JNIOR Model 314

Catalog Number	JNR-300-003B
Optically Isolated Digital Inputs	12
Counter Inputs	8
	Inputs Double as Counters; up to 2 kHz each; 32-bit counter value; Power Fail Counter Storage
Relay Outputs	4
Relay Output Configurations	2 - Normally Open Contacts
	2 Selectable Normally Open / Normally Closed Contacts
	Additional Relay Outputs available via Digital Expansion Modules (4 Relay Output & Power 4 Relay Output)
CPU / Operating System	8-bit Microprocessor / JNIOR OS
Power	9 to 24 Volts DC or AC
Memory	2MB Battery backed RAM - 1 MB Flash - Blocks of Immutable Memory: up to 64k each
Custom Applications	Compiled as .JNIOR file
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 B for Noise Immunity, CE Mark, RoHS Compliant
Warranty	2 Years