



High-speed, 5-digit, two preset, programmable predetermining counters – for quick and easy custom configurations.

MAXjr Count 2 handles cut-to-length, filling, batching, locating, and many other applications. Its high speed bidirectional operation, and programmable features assure a no compromise solution to almost any count/control problem. A totalizing-only mode of operation is included which allows the unit to perform as an eight decade programmable totalizer.

MAXjr Count 3 expands application flexibility by providing an additional function that can serve either as a totalizer, or presettable counter.

- Calibrator scales input signal for display in engineering units
- Add/Subtract and quadrature counting modes – solid-state or contact input
- Selectable decimal point positioning
- Bright, high contrast, 5 digit Red LED display – plus status annunciators
- Non-volatile memory retains count and program during power loss
- Panel mounts in 1/8 DIN cut-out – NEMA-4 water and oil integrity
- Friendly menu-driven programming with display prompting – sealed tactile response keys
- Two presets – solid-state outputs with programmable hold times
- Security locks for program, preset and reset
- Accessory 12 VDC power supply supports external sensors

The **MAXjr Count 2** includes many designed-in convenience features, such as: switch-selectable 115/230 VAC operating power, self-diagnostics, and display-prompted program editing – making it a “best value” industrial predetermining counter.

SPECIFICATIONS

Input Power: Switch selectable 115 (95 to 130) VAC, or, 230 (190 to 260) VAC, 50/60 Hz, 6 VA; Optional: 10 to 26 VDC, 0.4 A maximum

Accessory Power: DC output provided for transducer, 12 VDC \pm 25%, 125 mA maximum

Display: 5 digit, 0.56" (14.2 mm) red LED. 8 annunciators for ease of programming and operation.

Decimal Point: Selectable decimal point (X.X.X.X.X.)

Keyboard: Sealed, 6 tactile response keys

Calibration: Input scaling common to inputs A and B. Range 0.0001 to 9.9999

Preset Limits: 2 individual, each allows preset to any 5 digit value

Preset Modes: Up Mode: Resets to zero, process presets 1 and 2 when count matches limit value; Down Mode: Resets to preset limit 2 value, outputs are actuated at preset limit 1 value, and at zero; Totalizer Mode: Presets not active, 8 decade capacity, displays either 4 most, or least, significant digits

Counting Modes: Add/Subtract: Input A adds, B subtracts; Quadrature: Inputs A and B count bidirectionally from quadrature signal source

Signal and Count Rate: X2 input logic, maximum 10 kHz count rate, 5 kHz signal rate

Signal Inputs: Open collectors (sinking or sourcing), magnetic, or contact closure (input speed limited to 20 Hz)

Control Inputs: Reset and stop count (commands initiated when switched to common)

Control Outputs: 2 open collector NPN (sinking), 30 VDC maximum applied voltage, 100 mA maximum load

Reset: Front panel pushbutton, remote, programmable automatic

Security: Selectable locks for reset, preset, and program mode

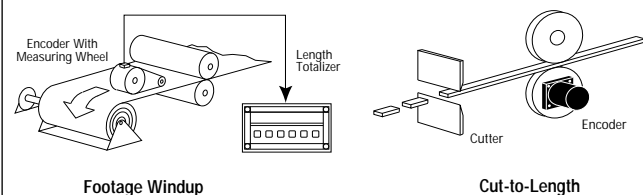
Diagnostics: Tests for signal and control inputs, outputs, panel keys, and display

Operating Temperature: +32° to +122°F (0 to +50°C)

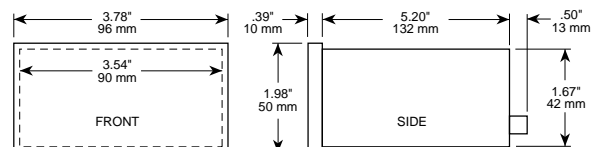
Weight: 1.4 lbs. (453.6 g)

Model No.	Description
MCJR2S00	MAXjr Count 2 (115/230 VAC, 50/60 Hz)
MCJR2D00	MAXjr Count 2 (10-26 VDC operation)
MCJR3S00	MAXjr Count 3, with preset batch counter (115/230 VAC, 50/60 Hz)
MCJR3D00	MAXjr Count 3, with preset batch counter (10-26 VDC operation)

Typical Application:



Dimensions:



Panel Dims: Cutout: 3.58" x 1.78". Thickness: 1/16" to 1/4". Depth: 5.68" min.