



*An easy-to-use,
8-digit LED display
totalizer . . . with a full
complement of powerful
programmable features.*

MAXjr Count 1 provides the flexibility needed for the most demanding item counting and length measurement applications. Its bidirectional operation, high contrast display with \pm polarity indicator, and reference preset function make it especially well suited for use as a low cost position indicator.

- Calibrator scales input signal for display in engineering units
- Add/Subtract and quadrature counting modes – solid-state or contact input
- Selectable decimal point positioning
- 8 digit, red LED display with polarity and overflow indication
- 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
- Reference preset allows reset to a value other than zero
- Security locks for program and reset
- Accessory 12 VDC power supply supports external sensors

The **MAXjr** Count 1 includes many advanced convenience features, such as: switch-selectable 115/230 VAC operating power, self-diagnostics, and display-prompted program editing – making it a “best value” industrial totalizer.

For totalizer plus rate indicator, see MAXjr Count 4
For matching predetermining counter, see MAXjr Count 2, MAXjr Count 3

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: 8 digit, 0.3" (7.6 mm) red LED with \pm polarity indicator; legends for PGM (program mode), REF (reference preset), and OVF (overflow)

Decimal Point: Selectable decimal point (XXXX.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

Reference Preset: Allows reset to any value 0 to \pm 99999999

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

Signal and Count Rate: Add/Subtract Mode: X1 input logic, 10 kHz maximum signal and count rate; Quadrature Mode: X2 input logic (counts input A, both edges); Maximum 10 kHz count rate, 5 kHz signal rate

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

Control Inputs: **RESET** to reference preset, and **STOP COUNT**

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

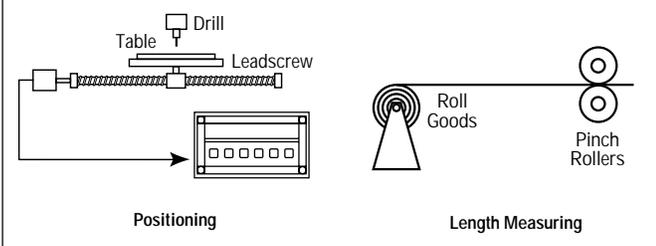
Diagnostics: Tests for signal and control inputs, panel keys, and display

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

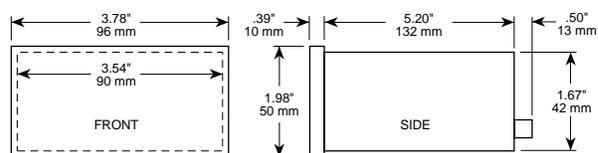
Weight: 1.4 lbs (453.6 g)

Model No.	Description
MCJR1S00	MAXjr Count 1 (115/230 VAC, 50/60 Hz)
MCJR1D00	MAXjr Count 1 (10-26 VDC operation)

Typical Applications:



Dimensions:



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