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 ± 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.

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 ±25%, 125 mA maximum

Display: 8 digit, 0.3" (7.6 mm) red LED with ± 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 ±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
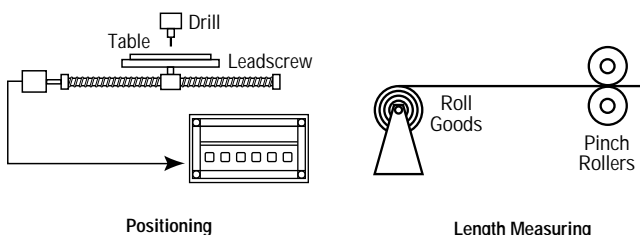
Diagnostics: Tests for signal and control inputs, panel keys, and display

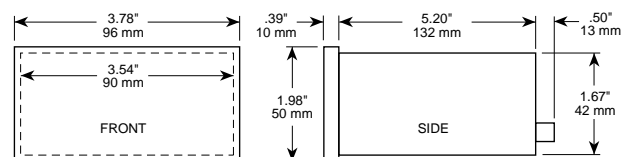**Operating Temperature:** +32° to +122°F (0 to +50°C)

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:

Positioning · Length Measuring

Dimensions:

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

DANAHER CONTROLS