



**Three Counters in one  
... a powerful three  
preset counter with  
batch control and  
production totalizer**

**MAX** Count 2 can handle your most demanding positioning, winding, sequencing and other count/control tasks with its programmable 3-limit predetermining counter. Preset batch counter and units totalizer features allow it to automatically direct a batching operation and totalize production quantity.

- 6-decade display for all three counters
- Calibration constant for display scaling
- Bidirectional and unidirectional count modes
- Three transistor outputs—optional relays
- Flexible programming for custom application
- RS-422/485 data port with selectable baud rate
- Bright, 0.6" high LED display
- Sealed NEMA 4 front panel
- DIN-size panel mounting
- Non-volatile memory during power loss

**MAX** Count 2 can accept bidirectional or unidirectional count input from a variety of encoders, sensing devices, pulse, and contact closure sources, at speeds to 40 kHz. An RS-422/485 communications port will support your present needs or future plans for system use.

An easy-to-use display prompted setup mode enables **MAX** Count 2 to be customized as required for a specific application. Programmable features include: input correction constant, output hold times and logic, and decimal point position. The program is retained in non-volatile memory and can be secured from unauthorized change.

A full numeric keypad with display prompting allows equipment operators to make quick and accurate changes to preset limit values. Access to preset limits can be restricted if desired.

### SPECIFICATIONS

**Input Power:** Selectable, 100 to 130 VAC or 200 to 260 VAC, 50/60 Hz, 20 VA (12 VDC @ 0.3 A optional).

**Accessory Power:** 12 VDC @ 175 mA, short circuit protected.

**Main Counter and Totalizer:** Programmable x1, x2, or x4 logic; Maximum Input Frequency: 40 kHz x1, 20 kHz x2, 10 kHz x4.

**Calibration Constant:** 0.0001 to 9.9999 programmable range.

**Program Security:** System Lock and User Lock.

**Signal Input:** Contact closure or 3.5 to 15 VDC square wave @ 3.25 mA source.

**Outputs:** 3 solid state, 100 mA sink, 28 VDC max.; 3 SPDT, 5 amp, relays optional.

**Serial Communications:** RS-485/422 Differential, ASCII.

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

Model No.	Description
MC200S00	MAX Count 2 w/Solid State Outputs, A-B, A+B
MC201S00	MAX Count 2 w/Solid State and Relay Outputs, A-B, A+B
MC210S00	MAX Count 2 w/Solid State Outputs, A-B, A+B, Quad
MC211S00	MAX Count 2 w/Solid State and Relay Outputs, A-B, A+B, Quad

For 12 VDC operation, change the sixth digit in the model no. from S to D.

**For more presets, see MAX Count 6  
For position indication, see MAX Position 1**

