



**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).

Transducer 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.

Correction 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.

