



*Excellent performance
is coupled with
flexibility and small
package size*

The Dynapar MAXjr Tach family set the standard for low cost industrial rate controllers. Programmable calibration factor and decimal point allow speed to be displayed in units, such as: feet/minute, gallons/minute, etc. Combining high accuracy measurement with alarm capability, built-in diagnostics, large, bright LED display, simple programming and compact size makes the MAXjr Tachs a best value.

- Calibration factor allows display in engineering units
- 0.01% accurate time interval measurement
- Large, bright 0.56" high red LED display
- Full 5 digit display capability
- High and low alarm setpoints with outputs
- Sealed NEMA 4 front panel
- Programmable decimal point position
- Built-in diagnostics

The **MAXjr Tach 1** Rate Indicator/Controller performs the basic rate or speed measurement functions. The **MAXjr Tach 2** provides a choice of operating modes: rate of input A, as in the **MAXjr Tach 1**; ratio of two independent inputs A and B; and time interval, which can be the period of A or the elapsed time between inputs A (start) and B (stop).

SPECIFICATIONS

Panel Mounting: 1.78" x 3.56" cutout; 5.68" depth

Accuracy: $\pm 0.01\%$ crystal controlled

Inputs: Magnetic (sine wave), pulsed (square wave) open collector, TTL, CMOS or line driver; 10 kHz max.

Display: 5 digit, 0.56" LED; update rate 0.7 seconds or 1 signal period

Alarms: 1 each high and low; open collector outputs

Calibration: Programmable 0.0001 to 99999.

Power Requirements: 95 to 130, or 190 to 260 VAC, 50/60 Hz, 6 VA; 10 to 26 VDC @ 0.4 A max.

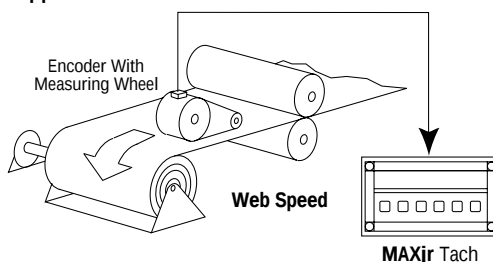
Accessory Power: + 12 VDC $\pm 25\%$ @ 0 to 125 mA

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

For RPM display without alarms, see SimTach D
For voltage or current loop inputs, see PM64S

Model No.	Description
MTJR1S00	MAXjr Tach 1 Rate Controller, 115 or 230 VAC
MTJR1D00	MAXjr Tach 1 Rate Controller, 10 to 26 VDC
MTJR2S00	MAXjr Tach 2 Rate/Ratio/Time Interval Controller, 115 or 230 VAC
MTJR2D00	MAXjr Tach 2 Rate/Ratio/Time Interval Controller, 10 to 26 VDC

Typical Applications:



Dimensions:

