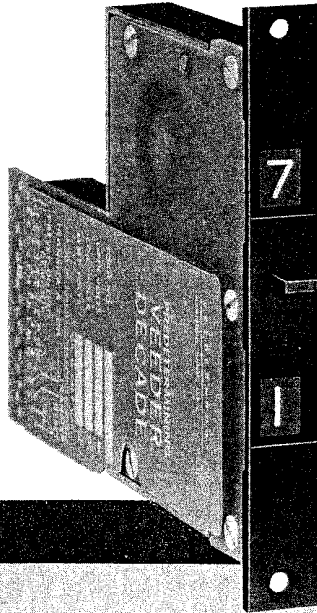




VEEDER-ROOT

DIGITAL PRODUCTS

1993 VEEDER DECADE® PREDETERMINING COUNTER



- Multiple Units stack easily for Multidigit Control Package.
- Patented construction.
- Self supporting frame.
- Dimensionally stable and wear resistant materials.

INDIVIDUAL SWITCH MODULES

- Extremely versatile predetermining control module.
- High speed counting and switching.
- Highly dependable.
- Large figures, long life.
- Built-in electric reset, transfer and control switch.

APPLICATIONS

High speed data processing systems, process control, machine tools.

STANDARD MODELS

Form Number

Panel mount with mounting holes,	Coil Resistance	Form Number
24 VDC	92 ohms	199301-021
48 VDC	334 ohms	199301-022

*Trademark of Veeder Root

STANDARD SPECIFICATIONS

Speed: 2400 cpm.

Rated Life: 50 million counts under normal operating conditions at 77° F (+25° C).

Minimum Count Pulse Timing: 12.5 ms on-time or off-time.

Temperature Range: +32° to 120° F (0° to +49° C).

Voltage: 24 and 48 VDC. Allowable variation ± 10% or 10 volts whichever is less.

Power Consumption: 6.6 watts.

Maximum ON Time: Because of temperature rise characteristics, the maximum permissible ON time for a counter in free air is 5 minutes when using a 50% duty cycle.

Number of Figures: 1 each, counter and switch.

Size of Figures: 0.3 in. (7.6 mm) high by 0.2 in. (5.0 mm) wide.

Color of Figures: White on black.

Character Configuration: 0 to 9.

Preset: Manual pushbutton.

Reset: Electric.

Reset Voltage: Half-wave rectified 60 Hz AC or pulsating DC.

Reset Time: 300 ms for half-wave rectified 60 Hz AC.

Mounting: Panel. Units may be stacked for multidigit control assemblies.

Connections: Plug-in connector, fits counter circuit board. Specify solder terminal or printed circuit board connector.

Construction: Frame: diecast Zamak. Wheels, ratchet drive arm: acetal resin. Shaft, springs: stainless steel. Readout contacts: coin silver. Circuit board: glass epoxy laminate with gold circuitry.

Lubrication: Not required.

Net Weight: 7.4 oz. (209.8 gms.).

Maximum Readout Loads:

Static resistive or inductive (DC suppressed): 1 amp continuous, 2 amps intermittent 200 VDC, 115 VAC. Dynamic resistive: 600 mA, 200 VDC, 115 VAC, 20 watts. Dynamic inductive (DC suppressed): 400 mA, 200 VDC, 115 VAC, 10 watts.

Minimum Readout Loads:

For loads below 24 volts and/or 50 mA, consult Veeder-Root.

