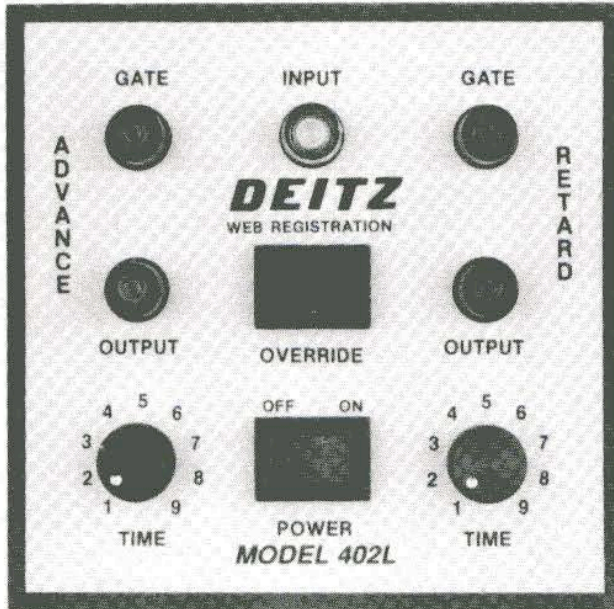


DEITZ COMPANY INC.

MODEL 402L TWO-WAY REGISTRATION CONTROL

Manufacturer of Packaging System Controls and Machinery



- BRIGHT L.E.D. INDICATORS display status of input / output channels and remote devices
- COMPACT ASSEMBLY mounts in typical control panels for easy access and adjustment
- PROVEN PERFORMANCE in over 1,500 packaging web registration applications
- ADAPTABLE DESIGN accommodates a wide range of line voltages and signal inputs.

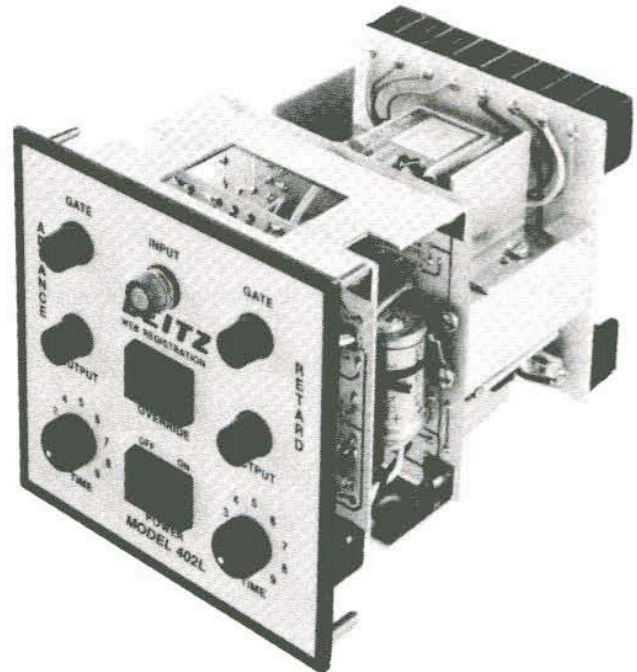
Model 402L is the electronic hub of the Deitz Mark II (two-way) registration control system. Since introduction, over 1,500 units have been sold to packaging machinery manufacturers in the USA. It is able to interface with a wide variety of scanners, timing devices and phase control differentials. This permits easy incorporation into both new and existing machinery. Based on many years of packaging experience, it is intended to be a rugged, reliable and economical control. Design features appeal to machinery builders and machine operators alike. Applications include sheeting, overwrap, banding and horizontal form / fill / seal.

Design

- Easily serviced open construction
- High contrast, polycarbonate face panel
- Optional seals for water resistance
- Concealed mounting studs

Components

- Selected for low profile characteristics
- Industrial grade switches and pots
- Manual override and individual timing for operator convenience

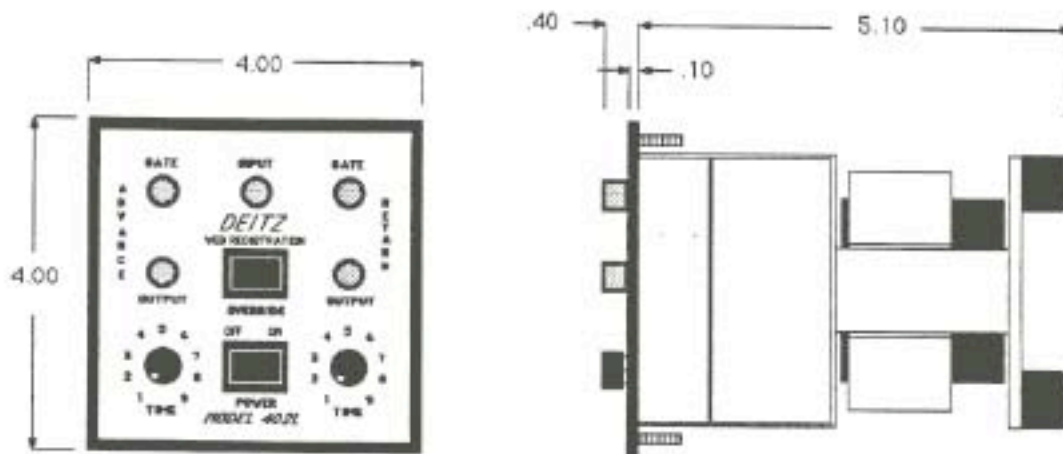


Serving the Packaging Industry Since 1946

SPECIFICATIONS

- LINE VOLTAGE** Standard = 115 vac 50/60 / Field option = 230 vac / Factory option = 18-30vdc
- POWER SUPPLY** +5 vdc regulated, ($\leq 1A$) / +15 vdc regulated, ($\leq 1/2A$) / +24 vdc, ($\leq 1/2 A$)
- INPUTS** Gating (2): from an open collector or +5 vdc logic device (i.e. 802P Selector Switch).
Scanner (1): from an open collector device capable of carrying +15 vdc (i.e. 377 Scanner)
- OUTPUT** Fused +24 vdc (unregulated) to control the function of a two-way phase shifting differential. Two open collector transistors sinking to ground act as mutually exclusive output channels (advance/retard) Control may be direct to the device (i.e Model 801 Rotary Compensator) or through relays. Coils must be greater than or equal to 100 Ω . Duration of output is adjustable through separate single turn potentiometers.

DIMENSIONS



ORDERING INFORMATION

Deitz Company can modify the assembly design (AD) of the 402L to meet a range of requirements. Variations from the standard design may include line voltage, output timing or sealed panel components. Particular specifications can be accommodated. Please consult our factory for details.

Model 402L Assembly Design Examples

- Standard: AD 723 - 115 vac line, 0.1 - 2.5 sec. output, standard face panel
- Alternates: AD 724 - 115 vac line, 0.1 - 2.5 sec. output, sealed panel components
- AD 734 - 18 to 30 vdc line, 0.1 - 2.5 sec output, standard face panel
- AD 650 - 115 vac line, 0.1 - 0.6 sec output, custom face panel

Deitz Company, Inc. Route 34 Wall, NJ 07719
Tel (201) 681-0200 Fax (201) 681-8468