MODEL E505
REMOTE CONTROL POD

FEATURES

- Channel selection switch
- Four clock sources: internal slow (adjustable), internal fast (adjustable), single step, and external clock (BNC)
- Limit indicators (LED)
- RS-422 interface

DESCRIPTION

The E505 is a compact, hand-held unit connected to the E500 module with a 20-conductor flat-ribbon cable. An operator can use the front-panel rotary switch on the E505 to manually adjust the position of any channel on the E500 module. A four-position mode switch designates high-speed stepping, low-stepping, single-step stepping, or external-clock-rate stepping. Action on the E505 is initiated with the CW/off/CCW toggle switch.

The low-range internal stepping rate is screwdriver adjustable over a range of approximately 5 pps to 200 pps. The high-range rate is adjustable likewise from 200 pps to 20,000 pps. Red LED's indicate the presence of limits on a selected channel. An amber "active" LED indicates that an operation is taking place. Unlike Dataway-programmed operations, E505 operations can go beyond the limit switch area, so caution should be exercised.
APPLICATION
The E505 remote control pod is used with the E500 intelligent stepper motor controller to manually position a channel from a remote location. A multiple-speed adjustable jogging feature of the unit allows quick and convenient system setup.

TECHNICAL SPECIFICATIONS

MECHANICAL
Hand-held enclosure
Size: 76 mm x 140 mm x 32 mm (3" x 5.5" x 1.25")
Weight: 0.6 kg (1.3 lb)

OPERATING TEMPERATURE
0° C to 50° C (32° F to 122° F) at less than 80% humidity

POWER REQUIREMENTS
24 V 350 mA
Interface: RS-422

PANEL CONTROLS
Channel select
Step mode
Actuate (CW/CCW/CCW)
High-range speed adjust
Low-range speed adjust

PANEL INDICATORS
On LED (green)
Active LED (amber)
CW limit LED (red)
CCW limit LED (red)

CONNECTORS
BNC (External clock)
20-pin Scotchflex (interface cable)