

EC-24 Pattern Controller



FEATURES:

- ◆ Direct toggle switch adjustments
- ◆ Digital read-out and L.E.D. indicators
- ◆ F.P.M. read-out (for line speed information)
- ◆ Universal power input 90-260 Vac
- ◆ Four independent solid state relay outputs
- ◆ Removable terminal strips
- ◆ AC or DC output modules available
- ◆ Time base or length base
- ◆ Optional datum reference for glue pattern settings
- ◆ Any 4 inputs can initiate any 4 outputs
- ◆ Product count read-out
- ◆ 20 program storage



The HAECO EC-24 is HAECO's answer to the "all in one" pattern controller. The EC-24 has 4 independent channels, each with the ability to be independently triggered. With a linear 10-300 Vdc input, the EC-24 can accurately place glue patterns at varying line speeds. Each head group is capable of producing 24 events, 12 of which can be glue events

or stitch events. Program security lock, low speed cut-off, and product count are among its many features. The EC-24 can be test fired for purging or pattern testing, and 20 separate programs can be stored in memory. If your timing needs are constantly changing, the EC-24 can provide room for your growth.

SPECIFICATIONS:

PHYSICAL:

- Enclosure: NEMA/EEMAC Type 12 (Mounting bracket kit included to meet UL/CSA external mounting requirements)
- Dimensions: 11.81"H x 9.84"W x 5.91"D
(300 x 250 x 150)
- Mounting: 13.43"H x 7.28"W - 1/4-20
(341 x 185) - M6

PERFORMANCE:

- Time Values: .001-9.999 seconds @ 1 ms. resolution
- Accuracy and Repeatability \pm 0.5ms
- Channel to Channel Timing Accuracy: \pm 0.1 ms.
- Input Configuration: Single shot "or" duration
- Operating Temperature: 32-140°F (0-60°C)
- Length Resolution:
 - .01" @ 180 fpm (.05 mm @ 100 mpm)
 - .02" @ 360 fpm (1.0 mm @ 200 mpm)
 - .05" @ 900 fpm (2.0 mm @ 400 mpm)
 - .10" @ 1800 fpm (3.0 mm @ 600 mpm)

ELECTRICAL:

- Trigger Input: (4) 5-24 Vdc, 4-25 mA (Mechanical contact switching not recommended)
- Output: (4) 5-60 Vdc 3 Amp, or 60-240 Vac 5 Amp
- DC Power Supply: + 5 Vdc 1 Amp max
+ 12 Vdc 300 mA max
+ 24 Vdc 250 mA max
- Power Requirements: 0.5 Amps @ 110 to 240 Vac, 50/60 Hz
- Line Speed Input: linear 10-300 Vdc @ max. line speed

ORDERING SPECIFICATIONS:

- AC or DC Output
- With or without keyed lock (additional)
- Optional auxiliary power supply, 1.8 Amp, 24 Vdc (additional)
- For NEMA 4 rating specify solid door
- UI - 1 (additional)

WARRANTY: 1 year limited

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