MCP-4P

Glue System Pattern Control



A programmable microprocessor control for packaging.

The MCP-4P is a low-cost, full-featured adhesive system pattern control ideal for the packaging industry. The MCP-4P is suited for packaging applications including palletizing, case & carton sealing and erection, graphic arts, or any variable speed requirements.



- Mounts vertically
- Up to 4 scanners
- Field-wireable and easy to install
- Simple power supply from PLC or electrical cabinet
- 24V without Turck (low-speed driver)
- 120V/ 220V with Turck (high-speed driver)
- Timer or Encoder functions
- Din-Rail mountable inside electrical cabinet
- 4-Channel outputs capable of multiple glue patterns
- Optional integral flow control
- 115/230 VAC allows for second programmable 0-10 Volt EPC output for speed tracking
- Multi valve, complex glue patterning
- CE Compliant

Available in Two Versions:



Version 074xx034

- Input voltage 24 VDC
- Dimensions: 106mm deep x 282 mm wide x 245 mm high
- Remote 120 VAC power supply optional
- Field-wireable connections
- External EPC
- Will operate 12/24 VDC pneumatic valves, 400E series, and 2050 valves (used for lowspeed applications, not capable of short patterns at high machine speeds)



Version 074xx036

- Input voltage 115/230 VAC
- Dimensions: 168mm deep x 285 mm wide x 245mm high (with power supply)
- Turck connectors
- Pre-configured to act as a valve drive
- External EPC (Electronic Pressure Control)





Bottom View, 24VDC Version MCP-4P (074xx034)

MCP-4P Added Features

- 4-Channel operation with up to 8 programmable patterns per channel
- Graphical LCD display
- Front panel indicators monitor system function
- Password protection for key system parameters





MCP-4P Glue System Pattern Control



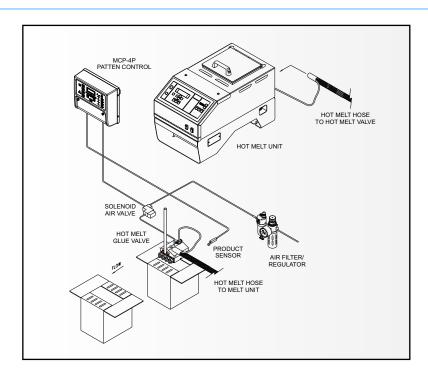
The MCP-4C and MCP-4P controls can be used with an extensive selection of PE Heated Hoses [] [] Mounting bracket packages cold glue or hot melt adhesive dispensing valves including high-speed, non-contact spot gluing, fine-line gluing, and ribbon-pattern gluing. Suited [2] In-line filters for applications such as folding carton production, envelope manufacturing, paper-folders, book and magazine production, bag-making, corrugated Pa High-performance hot-melt adhesives box-making, and other high-speed converting requirements.

A TOTAL PACKAGE

offers a complete selection of hot-melt components and support equipment:

- P RTD hot-melt hoses
- Manual and automatic dispensing valves
- Nozzle and applicator styles
- ☑ Solid-state pattern control systems
- Page 3 Replacement parts for competitive systems
- 🔁 🖪 Cost-effective rebuild/exchange programs

Typical MCP-4P System



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