microglue® 848 Pattern Controller



The simplest and easiest to use 8 channel, 8 output pattern controller available on the market

GMS-VanSco microglue® 848 Series controllers provide outstanding performance at an affordable price, making them the perfect fit for web presses, commercial folders, pocket folder gluers, straight-line folder gluers and conveyor / tipping, or card inserting systems. The 848 series features eight channels, four events per channel, four optical sensor inputs and two encoder inputs, along with distance based stitch and eight high power outputs.

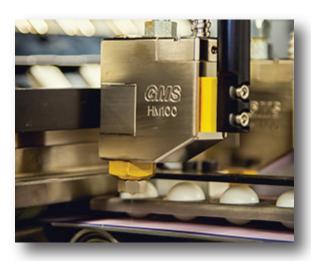
Get these immediate benefits:

- Program each of the eight channels with four separate events each: line, dot or stitch patterns
- Optionally configure to operate many different types of glue valves or tape applicators with the high power constant current outputs
- Real time adjustments to system outputs that make it simple for operators to get the exact pattern needed
- Program each event to apply multiple glue patterns with the system's distance based pattern stitching capability
- A versatile controller that features four optical sensor inputs, dual encoder inputs, proportional control of glue pressure, shutter control, pump control, retains jobs in memory



848 pattern controller is part of the GMS-VanSco range of microglue® solutions





Each channel can be programmed independently to achieve different patterns



Programmable output to operate any type of device

Features:

- Inch, centimeter or millimeter operation and distance based stitch pattern control
- Multi-lingual operator interface
- Eight channels. 4 events per channel and 1 output per channel
- Hot and cold glue gun remote purging
- Optical sensor lockout feature
- Patented output speed compensation
- Shutter control for cold glue guns
- Dual encoder inputs
- Proportional control output for glue pressure
- Adjustable output characteristics allow for use of any manufacturer's output device:

Drive current: 0.01 to 3.00 amps
Hold current: 0.01 to 3.00 amps
Drive time: 0.01 to 100 milliseconds

Specifications:

Programming Resolution: 0.01 inch, 0.3 mm

Maximum Glue Line Length: 100 inch, 2540 mm

Maximum Product Length: 100 inch, 2540 mm

Accuracy: 0.01" at 1,000 ft/min, 0.3 mm at 500 m/mm

Maximum Product in Queue: 10 pieces between optical sensor and glue valve

Input Power: 90 to 240 VAC Input Frequency: 47 to 63 Hz

Glue Valve Output: 3 amp MAX output current

Shutter Control Outputs: 12 VDC, 100 watts
Batch Kicker Output: 12 VDC, 100 watts
Proportional Control: 0 to 10 VDC

Size (H x L x W): 13.250 x 8.187 x 3.025 inch

Weight: 5.6 lb

Encoder Specifications:

Rotary Encoder Inputs: 2

Operating Voltage: +5 VDC
Revolution: 600 PPR

Spring Mechanism: Internal bi-directional

Design: Ultra compact

Friction Wheel: 6 inch circumference, polyurethane

cast ring on an aluminum hub

Cable: 12 ft with modular RJ45 connector

Optical Sensor Specifications:

Optical Sensor Inputs: 4

Operating Voltage: 10 to 30 VDC

Continuous Current: 300 ma
Response Time: 1 ms
Light Source: Infrared



For more information, visit microglue.com or contact your local representative.

GMS-VanSco: California, USA • Tel:+1.707.285.3392 • Fax: +1.707.285.3399

Microglue de Mexico, Mexico D.F. • Tel: +52.55.6278.1727

inquiry@gmsvansco.com • gmsvansco.com