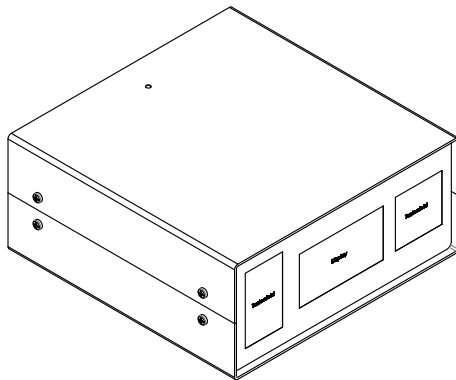
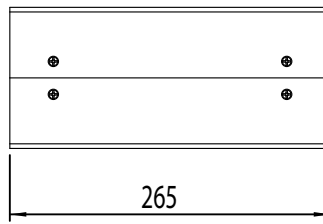
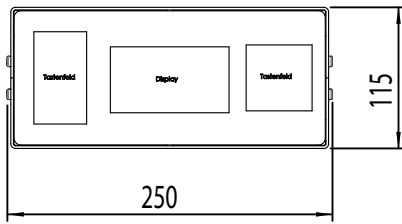




# pattern controller MCP4

for intermittent applications up to 600 m/min. (2.000 ft/min.)



Our pattern controller MCP4 is capable of line speeds up to 600 m/min - 2.000 ft/min. The controller can apply up to 10 beads per trigger signal. This is possible for each single output channel. The controller has a short circuit proof power supply with 150 watts total output.

Should you ever need a higher output rate we supply amplifiers additionally with 6 or 10 amps. output power.

For piston pumps we are providing an air supply unit fitted with a proportional pressure valve. The air control circuit is separated from the air circuit of the connected piston pump to avoid interference of pressure disturbances while the piston pump is changing direction. The proportional valve is connected to the 0-10 VDC output of the CP40 and regulates the air pressure for the piston pump. This adjusts the adhesive amount being applied through line speed changes.

#### Technical data

operating voltage	230 VAC
frequency	50/60 Hz
internal voltage	24 VDC, short circuit proof
number of channels	4x 24 VDC, NPN switching
power per channel available	max. 25 watts
number of (trigger) inputs	4x PNP, programmable
machine stop signal	programmable
purge signal	programmable
supply voltage for fotocells	24 VDC
number of encoder inputs	1x, resolution 1 mm
supply voltage for encoder	24 VDC
line speed signal	2x 0-10 VDC, non isolated 1 input switchable to 4-20 mA

Along with the controller we supply an encoder with codewheel and universal mounting bracket. The codewheel has a circumference of 200 mm. For special applications we can offer encoders with different resolutions to be mounted directly into the existing gear boxes.

You can use any PNP fotocell or trigger working with 24 VDC supply voltage. You can connect 4 independant fotocells and align them individually to the controller output channels. This might be needed for special applications.

#### All our products:

- hotmelt systems
- heated hoses
- applicator heads
- pattern controller
- coating machines
- print heads for hotmelt
- spare parts for all brands

#### We have ready solutions and develop individually for the:

- hygiene industry
- converting industry
- packaging industry
- filter industry
- wood working industry
- automotive industry

#### Your benefits @ APRO:

- we implement your needs
- we have many years of professional competence (since 1992)
- we are fast and flexible
- we offer unlimited service availability and provide best quality products
- you will be our focus of attention

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