

Pot-24 Controller

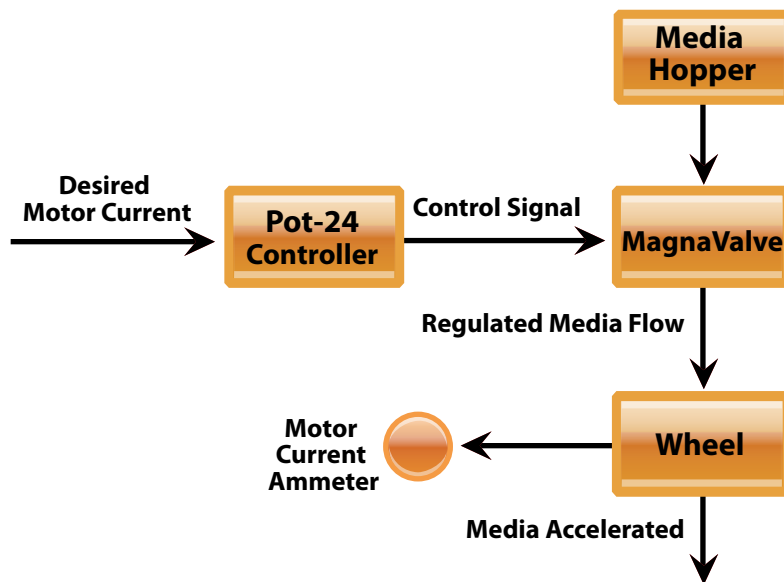
MagnaValve Control

Features

- 0 - 10 Vdc signal output to MagnaValve
- Output limit control prevents motor overload
- Mounts on panel door for easy access
- Provides manual operation (an open loop system) for the LP-24, VLP-24 and WM 3000-24 MagnaValve®
- 24 Vdc
- CE compliant

Description

The Pot-24 Controller provides manual operation (an open loop system) to the MagnaValve® with a 0 - 100% control signal range. The controller can also be used as a safeguard by setting the output limit for 20% - 100%, thus limiting the signal to the MagnaValve, restricting the shot's maximum flow rate and preventing excessive current to the wheel.

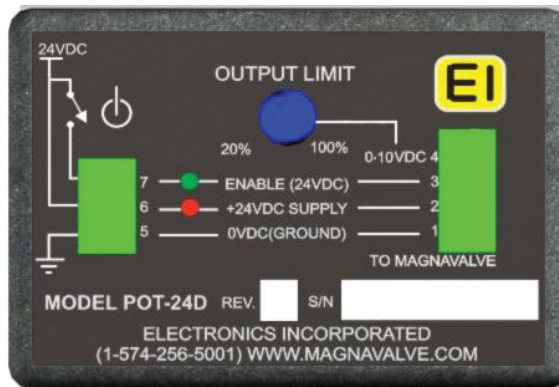


*The Open Loop System
with the POT-24 Controller and a MagnaValve*

Specifications

| | |
|-----------------------------|---|
| Power | 24 Vdc @ 0.1 A |
| Valve Control Signal Output | 0 - 10 Vdc |
| Weight | 1 lb (.453 kg) |
| Temperature Range | 32°F - 122°F (0°C - 50°C) |
| Display LEDs | Power (red LED), Enable (green LED) |
| Output Limit Control | Can be set for 20 - 100%. This feature limits the output signal to the MagnaValve, restricting maximum flow rate and preventing motor current overload. |

Wiring Connections



- | | |
|---------------------------------|--------------------------|
| 7 Enable (24 Vdc) | 4 Output (0-10 Vdc) |
| 6 Power (24 Vdc @ 2 Amp*) | 3 Enable Output (24 Vdc) |
| 5 Common (0 Vdc) | 2 Power (24 Vdc) |
| * Includes power for MagnaValve | 1 Common (0 Vdc) |

MagnaValve Wire Colors

| | |
|----------------------|--------|
| Ground | Black |
| Power (24 Vdc) | Red |
| Enable (24 Vdc) | Blue |
| Control (0 - 10 Vdc) | Orange |

Dimensions Inches (Millimeters)

