

Electro Cam Corp.

Quality Products since 1977



PS 5000 Series



PS 6000 Series



Encoders

Customer Satisfaction

Electro Cam Corp. has manufactured rugged electronic control products since 1977. We take pride in our experience and abilities to analyze machine control problems and find economical solutions that enhance productivity and product quality. Our line of products is designed for harsh industrial environments where accurate and reliable shaft position sensing is necessary. Progressive research and development, state-of-the-art manufacturing and extensive quality testing make both our Electronic Rotary Cam Limit Switches and our family of PLμS® Programmable Limit Switches the best in the industry. Electro Cam® is known industry wide as a manufacturer of quality products, offering excellent customer service and off-the shelf delivery. Whether you need help in specifying a programmable limit switch for your application, or you require a custom engineered product, Electro Cam® will work with you to find your best solution. Our goal is 100% customer satisfaction.

Industries Served

Known industry wide for our consistent quality and long term reliability, Electro Cam controls provide speed and accuracy along with ease of setup.



Packaging Machinery



Saw Mills



Food Packaging

PLμS® Controller Applications include:

- ***Packaging Machines • Labeling Machines • Metal Stamping Press • Liquid Filling Equipment***
- ***Form Fill & Seal Machines • Cartonners & Case Packers • Assembly Machines • Saw Mills***



Beverage Packaging



Metal Stamping Press

PL μ S® Programmable Limit Switches

Automation Simplified • Quality Built in



- The solution for switching devices on and off (solenoid valves, glue guns, clutch/brakes, etc.)
- Interface to other control systems (Programmable Logic Controllers and Programmable User Interfaces)
- Use alone or with a PLC for driving “real-time” critical functions.

Electro Cam’s PL μ S® controllers provide simplicity of keyboard programming, accurate position based outputs and long term reliability. Used in a wide variety of rotating shaft control applications. Models are available with a variety of output configurations from 9 to 64 outputs total. This makes the 5000 Series flexible enough to meet most application requirements.

Standard PL μ S® Controller Features:

Easy Keypad Setup

All setup and ON/OFF setpoints are easily entered through the intuitive keypad interface. No special programming knowledge is necessary.

Multiple Programs for quick changeover:

PL μ S® Controllers can store multiple programs of timing setpoints for solenoids, cylinders, glue guns and other devices. This allows quick production line changeover, reducing downtime and improving productivity.

Automatic Speed Compensation:

Speed Compensation automatically compensates for the fixed lag times of controlled devices such as glue guns, air cylinders, solenoids or mechanical relays. Combine this with ultra fast internal scan time and the PL μ S® Controller responds quickly to changes in line speed and product movement, minimizing machine errors, reducing scrap and down time.

Timed Outputs:

Outputs can be turned OFF after specified time duration instead of the normal OFF setpoint.

Sensor Input Logic:

The 6000 and select 5000 Series models can accept inputs such as photo eyes and proximity switches to create “product present” requirements to enable outputs. Outputs can be divided into groups with each group triggered by a separate sensor input. This helps reduce or eliminate the need for hardwired logic or PLC interface. Six different input modes provide the flexibility to set logic required for specific outputs such as: product present, product present in a specified window, resetting position upon an input or to “AND” outputs with a sensor input.

Selected models of PL μ S® controllers offer these features:

- Analog output capability: 4 - 20 milliamp & 0 – 10 VDC
- Multi-level logic speed ranges for outputs • Programmable resolver resolution
- Dual axis resolver inputs • Shift register

PS-5000 Programmable Limit Switch System



The PS-5000 Series features an integral keypad and bright LED displays. Choose a resolver or 8 bit Gray Code encoder for machine position input.

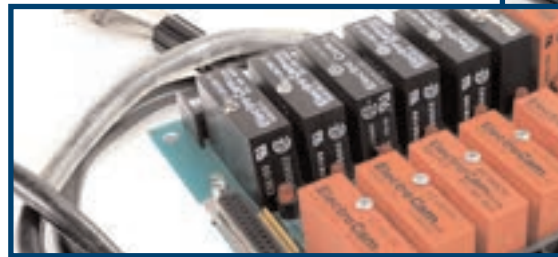
**Built in AC/DC
Relay Outputs**



Models are available with a variety of output configurations from 9 to 64 outputs total. This makes the 5000 Series flexible enough to meet most application requirements

Output Racks, Modules & Accessories for PLμS® Controllers

Input / Output racks are available in 8, 16, 24 or 32 output versions for Electro Cam PLμS® controllers. More options can address expansion and larger output needs, up to 64 outputs. All cables are shielded and jacketed. They are fully assembled and tested, ready to install. Output rack cables use industry-standard DB-9 or DB-25 connectors.



**Output Racks
& Cables**

PS-6000 Programmable Limit Switch System



The PS-6000 Series features a remote, removable 1/4 DIN backlit LCD keypad/ display. With its DIN rail mount controller and onboard I/O, the 6000 Series is designed to easily interface with PLCs as well as control solenoids and other devices directly. PS-6344 dual axis models are available to control functions associated with two independent axes of rotation. Available with 16 Sinking or Sourcing DC outputs with 9 additional 3 amp relays or 17 relay output models. Features such as high resolution resolver input (0.09 degree resolution) and leading/trailing speed compensation are standard on this full-featured controller.

All PLμS® models are cUL_{us} and select models are CE[°]

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