



**PROMATION  
ENGINEERING**

*Precision Actuation for Industry.  
... Partners, Above and Beyond*

## CSA Certification Update ...

ProMation Engineering Inc. is pleased to announce ...

PA/O-PD/O Series Quarter-Turn Electric Spring Return product now carries CSA certification.



**Features & Benefits:**

- Four Torque Ranges from 450"lbs to 2300"lbs
- Spring CW & CCW designs .
- 2 position, Jog or Proportional control
- 24vac/dc, 120vac and 230vac supplies.
- Four Torque Ranges from 450"lbs to 2300"lbs
- Mechanical Spring Pack....Does not rely upon batteries for failsafe operation.
- Full-time Manual Override Handwheel.
- Painless Manual Operation requires no pushing/pulling/levers for operation.....Simply the easiest way to provide manual control when required.
- Standard features include an ISO5211 Mounting System, Internal Heater, Dual Auxiliary Switches, Two 3/4" Conduit entry ports , top mounted Position Indicator.

PL Series Linear product line now carries CSA certification



**Features & Benefits:**

- Self Locking Drive
- Four Stroke offerings from 20 to 100 mm
- Four Thrust Ranges 550, 1100, 2200 and 4400 lb.
- Proportional, Jog or On/Off Control
- NEMA 4/4X cast Aluminum Alloy housing
- Easily adapts to most rising stem designs
- Internal Heater standard
- Modular Design eliminates excess wiring
- Internal Motor Thermal protection (275 deg F / 135 deg C)
- Manual override for single-handed positioning
- Easy-to-see Stem Position indicator
- Two 3/4" NPT entry ports on base
- Ambient Operating range -22F to +150F (-30C to +65C)

*Note: All testing and certification in compliance with CSA Standards conforming to the test standard of outdoor usage*

**Please contact your  
M.A. Stewart & Sons  
representative for  
complete product  
information and  
details !**

