

Providing unparalleled versatility of power and control options

Valvcon™ ADC-series with optional back-up power





A tradition of innovation

Valmet is a leading designer and provider of compact, reliable, electronically controlled electric actuators for valves and dampers.

We have developed and introduced the industry's most innovative products, including simple "set and go" calibration, intelligent processor-based digital electronics, "plug-in" accessory boards, "fail-safe" actuators, as well as electric actuators designed for remote, solar-powered applications and two-wire network applications. We have built our reputation and success on the ability to envision, implement, and deliver innovative actuator technology products and services to support emerging market requirements. As emerging technologies and market

needs continue to evolve, we will lead the way with high-quality Valvcon actuators that exceed industry expectations and further refine the valve actuation process.

We offer a complete line of Valvcon electric actuators for accurate positioning of dampers and valves in the aerospace, automotive, consumer services, discrete manufacturing, energy, environmental, oil/pipeline, petrochemical, power/utilities, process, recreation, transportation, and water/wastewater industries.

ADC-series actuators with optional back-up power are field-settable for "fail clockwise" or "fail counter clockwise".



Optional internal battery pack allows for continued modulation during power outages, provided the control signal remains.

Optional internal battery back-up

The universal ADC-series PC board includes both on/off and modulating functionality, and accepts both AC and DC power inputs. The optional back-up power feature incorporates an internal battery pack that plugs right in to the PC board, which includes a built-in charging circuit, all fitting in the standard enclosure. Upon loss of external power the battery automatically activates as the main power supply and can immediately drive the actuator to a designated safe position or continue to respond to a control signal, if present.

Valvcon ADC-series electric actuators provide up to 3000 inch pounds (250 lb-ft; 339 Nm) of torque and can be equipped with internal back-up

power to allow you to safely shut down your system in the event of an external power loss. Engineered to supply dependable valve and damper actuation, they can provide up to 10 complete cycles under their own internal power.



Other Valvcon actuators

V-series

- Up to 3000 inch pounds (250 lb-ft; 339 Nm) for on/off or automatic cycling applications
- 115VAC and 230VAC voltages
- 75% duty cycle (55% on 3000 lb-in models)
- NEMA 4/4X and NEMA 4/4X/7&9 enclosures
- CSA (C US) certified
- CE compliant
- Certified to ATEX Directive 2014/34/EU: Ex db IIB T6 Gb, and IECEx CSA 14.0057X (“WX” models only)
- Standard features: motor brake, tropical heater/thermostat, auxiliary limit switches, manual override and visual position indicator
- Available Options: Speed Control/Timer Board, metric and “keyed” female outputs and handwheel override

LCR-Series

- Up to 600 inch pounds (50 lb-ft; 68 Nm)
- Economical actuators for Reversing applications
- 25% duty cycle (80% on 12VDC or 24VDC models)
- NEMA 4/4X enclosure
- 115VAC, 230VAC, 24VAC, 12 VDC and 24VDC voltages
- Options include extra limit switches and heater/thermostats
- Male output (standard) or female output (optional)

Q6-series for remote solar applications

- 600 inch pounds (50 lb-ft; 68 Nm)
- 12VDC
- Low current draw
- 80% duty cycle
- NEMA 4/4X/7&9
- CSA (C US) certified

LCU-Series

- Up to 600 inch pounds (50 lb-ft; 68 Nm)
- Economical actuators for Unidirectional applications
- 25% duty cycle (80% on 12VDC or 24VDC models)
- NEMA 4/4X enclosure
- 115VAC, 230VAC, 24VAC, 12 VDC and 24VDC voltages
- Options include extra limit switches and heater/thermostats
- Male output (standard) or female output (optional)



Valmet's professionals around the world work close to our customers and are committed to moving our customers' performance forward – every day.

Valmet Flow Control Oy

Vanha Porvoontie 229
01380 Vantaa, Finland
flowcontrol@valmet.com
+358 10 417 5000
valmet.com/flowcontrol

