

Valvcon® Electric Actuators



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A tradition
of innovation



Metso Electric Actuators

A Tradition of Innovation

Metso is a leading designer and provider of compact, reliable, electronically controlled electric actuators for valves and dampers. We offer a complete line of 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.

Rugged & Reliable Electric Actuators



V-Series



ADC-Series



LCU-Series



LCR-Series



V-Series

Compact, rugged, reliable electric actuator designed for quarter-turn valve and damper applications; available in both NEMA 4/4X and NEMA 4/4X/7&9 configurations. Options include Modulating Control Board, Iso/Readback Board, Speed Control/Timer Board, Brake, Auxiliary Limit Switches, Heater/Thermostat, Keyed Output and Handwheel Override. Standard features: ISO-5211 Mounting, Visual Position Indication, CSA (C US) Certification, CE compliance, and ATEX and IECEx Certification ("WX" models only).

V-Series			
Type	Action	Available Input Voltages	Torque Output
Electric	Reversing	115/230 VAC	150 – 3000 in-lb (17 – 339 N-m)



LC Series

Economical actuation for unidirectional and reversing applications. Lightweight NEMA 4/4X enclosure; limited options.

LCU-Series			
Type	Action	Available Input Voltages	Torque Output
Electric	Unidirectional	24/115/230 VAC 12/24 VDC	150 – 600 in-lb (17 – 68 N-m)

LCR-Series			
Type	Action	Available Input Voltages	Torque Output
Electric	Reversing	24/115/230 VAC 12/24 VDC	150 – 600 in-lb (17 – 68 N-m)



ESR-Series

Back-up powered "electronic spring return" actuator for true "two wire" operation. Energize to drive one direction, de-energize and the "electronic spring" drives the motor back. Standard features: ISO-5211 Mounting and Visual Position Indication. Other options: Brake, NEMA 4/4X and 4/4X/7&9 enclosures, Auxiliary Limit Switches, Metric Output, Keyed Output and Heater/Thermostat.

ESR-Series			
Type	Action	Available Input Voltages	Torque Output
Electric	Reversing	115/230 VAC	150 – 600 in-lb (17 – 68 N-m)



ADC-Series

Continuous duty On/Off or Modulating electric actuators with optional internal battery back-up. Standard features: On/Off or Modulating Operation (from the same circuit board), Brake, Two Auxiliary Limit Switches, Heater/Thermostat, ISO-5211 Mounting, Visual Position Indication, Universal Input Power, CSA (C US) Certification, CE compliance, and ATEX and IECEx Certification ("WX" models only). Options include NEMA 4/4X and 4/4X/7&9 enclosures, Metric Output, Keyed Output and Handwheel Override.

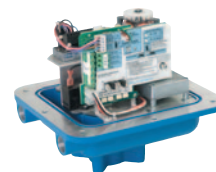
ADC-Series			
Type	Action	Universal Voltage Input	Torque Output
Electric	Reversing	24/115/230 VAC 12/24 VDC	150 – 3000 in-lb (17 – 339 N-m)



Q6-Series

Designed for use in remote, solar-powered oil and gas field applications, skid-mounted applications and off-shore rigs. Low current draw, NEMA 4/4X/7&9 and CSA Certified to both Canadian and US Standards.

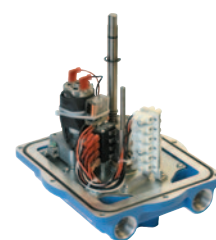
Q6-Series			
Type	Action	Available Input Voltages	Torque Output
Electric	Reversing	12 VDC	150 – 600 in-lb (17 – 68 N-m)



I-Series

Network Capable electric actuators. Protocol options include AS-i, DeviceNet™, Foundation Fieldbus and MODBUS®. Standard features: ISO-5211 Mounting, Manual Override and Visual Position Indication. Other options: Brake, NEMA 4/4X and 4/4X/7&9 enclosures, Auxiliary Limit Switches, Metric Output, Keyed Output, Heater/Thermostat and Handwheel Override. CSA Certification to Canadian and US Standards is included for units with AS-i and DeviceNet™ protocol options.

I-Series			
Type	Action	Available Input Voltages	Torque Output
Electric	Reversing	115/230 VAC	150 – 3000 in-lb (17 – 339 N-m)



QX-Series

Economical DC powered, explosion proof electric actuators. Standard features: Brake, ISO-5211 Mounting, Visual Position Indication, Two Auxiliary Limit Switches and NEMA 4/4X/7&9 enclosure. CSA Certified to both Canadian and US Standards. Options include Metric Output, Keyed Output, Heater/Thermostat and Handwheel Override.

QX-Series			
Type	Action	Available Input Voltages	Torque Output
Electric	Reversing	12/24 VDC	150 – 3000 in-lb (17 – 339 N-m)

Modbus is a registered trademark of Schneider Electric USA, Inc
DeviceNet is a trademark of OVDA, Inc

