

Market Leading Portfolio of Electric Actuators



Product Selection Guide
Bettis™ Electric Actuators





Delivering market leading valve automation for the world's

You need reliable and dependable actuators for your motor operated valves from a market leading partner you can trust.

The electric actuator portfolio from Bettis covers a range of applications, from the latest in intelligent control and fail-safe technology to robust heavy-duty solutions able to withstand the harshest environments.

For decades, Bettis continues to be a single-source provider of field-proven, reliable and safe valve automation solutions—helping companies all over the world in oil and gas, power, chemical, water and wastewater, marine, and subsea.

RTS

- Stroke:**
- Function:**

- Features:**
- Highly configurable and intelligent actuator with options for continuous modulation and mechanical fail-safe
 - Independently adjustable operating and fail-safe speed, and torque
 - Non-intrusive setup via local interface, Bluetooth™, or DCMLink (in development)
 - Multi-turn torque up to 64 Nm (47 ft lbs)
 - Quarter-turn torque up to 5,000 Nm (3,687 ft lbs)
 - Linear force up to 40 kN (8,992 lbs)
 - Certified explosion and weatherproof

- Protocols:**
- Modbus™, HART™, FOUNDATION Fieldbus™, PROFIBUS™, PROFINET™



XTE3000

- Stroke:**
- Function:**

- Features:**
- Intelligent and versatile actuator with a wide range of torque and speed for on/off and control
 - Non-intrusive setup via local interface, Bluetooth, or DCMLink
 - Multi-turn torque up to 57,000 Nm (42,000 ft lbs)
 - Quarter-turn torque up to 1,000,000 Nm (737,500 ft lbs)
 - Linear force up to 150kN (33,720 lbs)
 - Certified explosion and weatherproof

- Protocols:**
- Modbus, HART, FOUNDATION Fieldbus, PROFIBUS, LonWorks™



Legend:

Stroke: Multi-turn Linear Quarter-Turn Function: Control/Modulating On/Off Fail-Safe

toughest automation, safety, and productivity challenges

M2CP

Stroke:



Function:



Features:

- Robust, easy to service, conventional actuator
- Compatible with DCMLink
- Multi-turn torque up to 21,693 Nm (16,000 ft lbs)
- Quarter-turn torque up to 370,000 Nm (273,000 ft lbs)
- Linear force up to 2,224 kN (500,000 lbs)
- Certified explosion and weatherproof

Protocols:

- Modbus, HART, FOUNDATION Fieldbus, PROFIBUS, DeviceNet™, Ethernet

SCE300

Stroke:



Function:



Features:

- Smart, compact quarter-turn actuator
- Highly configurable with variable speed and torque settings
- Non-intrusive setup via Bluetooth
- Quarter-turn torque from 63 Nm (46 ft lbs) to 2,000 Nm (1,475 ft lbs)
- Certified explosion and weatherproof

Protocols:

- PROFIBUS, DeviceNet

TorqPlus

Stroke:



Function:



Features:

- Robust, easy to service, conventional actuator
- Compact design with mechanical fail-safe option
- Torque from 11 Nm (8 ft lbs) to 2,260 Nm (1,667 ft lbs)
- Certified explosion and weatherproof

Software and Network Controls

DCMLink Software

Features:

- Diagnose, configure, calibrate, and monitor all electric actuators from a central location, independent of the protocol, actuator, or host system
- Real-time monitoring and control of asset data, profiles, alarm, and event logs
- Integrates with Emerson PlantWeb, AMS Snap-On, and Bluetooth
- Downloadable from Emerson.com



Controlinc Network Master



Features:

- Control and monitor up to 250 actuators
- Graphical, full-color touch panel interface
- Hot standby redundant units to eliminate downtime
- Common functions come pre-configured
- Connect multiple masters to automate 1000+ actuators
- Supports redundant RS485 ring networks

Protocols:

- Modbus, Ethernet

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