

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 has been a single-source provider of field-proven, reliable and safe valve automation solutions. We help companies all over the world in oil and gas, power, chemical, water and wastewater, marine, and subsea with their most demanding valve automation needs.

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
 - 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-proof and weatherproof

- Protocols:**
- Modbus®, HART®, 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 57,000 Nm (42,000 ft lbs)
 - Quarter-turn torque up to 1,000,000 Nm (737,500 ft lbs)
 - Linear force up to 150 KN (33,720 lbs)
 - Certified explosion-proof 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-proof 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-proof 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-proof 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 RS-485 ring networks

Protocols:

- Modbus, Ethernet

BETTIS™

NORTH & SOUTH AMERICA

19200 Northwest Freeway
Houston TX 77065
USA
T +1 281 477 4100

Av. Hollingsworth
325 Iporanga Sorocaba
SP 18087-105
Brazil
T +55 15 3413 8888

ASIA PACIFIC

No. 9 Gul Road
#01-02 Singapore 629361
T +65 6777 8211

No. 1 Lai Yuan Road
Wuqing Development Area
Tianjin 301700
P. R. China
T +86 22 8212 3300

MIDDLE EAST & AFRICA

P. O. Box 17033
Jebel Ali Free Zone
Dubai
T +971 4 811 8100

P. O. Box 10305
Jubail 31961
Saudi Arabia
T +966 3 340 8650

24 Angus Crescent
Longmeadow Business Estate East
P.O. Box 6908 Greenstone
1616 Modderfontein Extension 5
South Africa
T +27 11 451 3700

EUROPE

Holland Fasor 6
Székesfehérvár 8000
Hungary
T +36 22 53 09 50

Strada Biffi 165
29017 Fiorenzuola d'Arda (PC)
Italy
T +39 0523 944 411

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