

Market Leading Portfolio of Electric Actuators



Product Selection Guide Bettis™ Electric Actuators



Approved Emerson-Bettis distributor, service facility and stockist.
www.globalsupplyline.com.au sales@globalsupplyline.com.au
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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
- 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

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 Fásor 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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