



# *Product Summary*

L. Bernard manufactures a complete range of electric actuators

## Water



## Oil & Gas



### **Quarter Turn**

- Available torque range from 45 to 300 000 N.m
- IP67, compact heavy duty construction. IP68 on request
- Explosionproof versions (ATEX-NEMA)
- For On-Off and Class III positioning duty
- Adjustable lever systems for the control of dampers
- Optional integrated electronic controls



### **Multi-turn**

- Available torque range from 60 to 25 000 N.m
- IP68, heavy duty construction
- Explosionproof versions (ATEX-NEMA)
- For On-Off and Class III positioning duty
- With INTELLI+ control, access to a real maintenance tool for valves (ie. torque curves) is readily available



### **Integrated controls**

- Wide range of integrated control solutions including INTELLI+ intelligent digital electronics
- Double-sealing protection
- Advanced functions such as ESD, partial stroking ...
- Positioners for Class III, Class II and Class I modulating duty
- Fieldbus interfaces



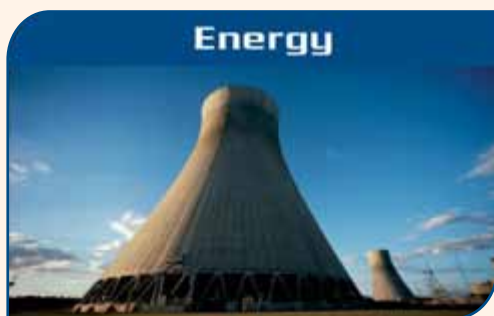
### **Fieldbus communication**

- Compatible with all L. Bernard actuators
- Profibus DP (single or redundant)
- Foundation Fieldbus
- Modbus RTU
- Turnkey system based on master station architecture



# in electric actuator technologies

for the automation of industrial valves and dampers.



## ***Modulating***

- 100% duty service
- Different models suitable for use as:
  - Class II modulating: moderate speed, high precision
  - Class I modulating: high speed, very high precision
- Quarter-turn, linear, multiturn and lever movements
- Specific turnkey electronic control solutions available



## ***Failsafe***

- Failsafe with reliable spring-return technology
- Fast and shock-free valve travel during emergency operation
- Maintenance-free
- IP67 as standard
- Explosionproof versions (ATEX-NEMA)



## ***Special design***

- Fire protection
- Nuclear grade
- High and low temperature
- Corrosive environment
- Hydraulic multiturn actuators for LNG carriers & offshore applications



## ***Services***

- Worldwide technical support
- Site surveys and actuation sizing
- Installation and commissioning
- Training
- Maintenance and repair

# At your service around the world

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