



MME/MOE Intelligent Electric Actuators



Ontrac Milestones:

- 2000** ABB launched Ontrac series intelligent electric actuators.
- 2003** Transferred the technology, manufacturing process, production line, supplier base of Ontrac series actuator from ABB Germany.
- 2004** MOE and MME series, first offering to Chinese market through ABB China, with support from ABB Germany.
- 2006** Successful served major customer like China Power Investment Corp., Bao Steel, PetroChina etc.
- 2011** CE and Explosion-proof certificated
- 2012** MOE790 and MME 890 launched

Headquartered in Shanghai, ONTRAC manufactures intelligent electric actuators, and provides valve automation solutions for energy, chemical, cements and other industries.

In 2000, ABB launched the Ontrac MME/MOE series intelligent electric actuators. Since its conception, Ontrac have become synonymous with modernity and reliability, and its products have been used in many fields of industry, worldwide. In 2003, due to its strategic adjustment, ABB divest itself of Ontrac brand and technology. After the spin-off, Ontrac Instrument (Shanghai) Co., Ltd. established in China as a legal entity, to keep Ontrac's trademark and electric actuator business. Fully supported by ABB team in training and technology transfer, Ontrac Instrument (Shanghai) start to produce the exact same product starting with ABB's original supplier, production and testing line and quality program.

Key Features:

Broad range self monitoring and diagnosis

Hall sensors are used to measure displacement, velocity and angle. Microprocessor offer a wide range of alarm and diagnosis functions which allow for easy fault localization.

Enhanced valve and motor protection

Measuring and monitoring of both motor current and temperature provide full motor protection. Valves are moved gently in or out of the end positions at full torque.

Integrated frequency converter

The stroke of the actuator can be divided into ranges: an optimal positioning speed can then be selected for different ranges to avoid water hammer and cavitation.

Electrical connection and fieldbus control

Binary and analog signaling are always available, even when utilizing the fieldbus interface. PROFIBUS DP and MODBUS are optional.

