

Explosion-Proof Electric Valve Actuator

This explosion-proof electric actuator is designed to control valves in hazardous environments. It is suitable for gate, globe, diaphragm, plunger, and throttle valves, as well as water gates, providing precise open, close, or adjustment control.



Product Overview

Explosion-Proof Electric Valve Actuator

Designed specifically for hazardous mining conditions, this multi-turn electric actuator provides reliable and precise control for various valve types. It is engineered for linear motion valves such as gate and water valves, and can be adapted for 90-degree rotation valves like butterfly or throttle valves with an optional double reduction worm gear box. The unit is fully compatible with specialized mining flameproof control boxes and supports integration with DCS systems for automated operations.

Safety & Compliance

Explosion-Proof Mark

Exd ` Mb

Compliance Standards

- GB3836.1-2010 (General requirements for equipment in explosive environments)
- GB3836.2-2010 (Flameproof 'd' protection)
- Q/3204 cn001-2011 (Technical conditions for mining flameproof actuators)

Technical Specifications

Actuator Type	Multi-turn electric actuator
Compatible Valve Types	Gate valve, Water valve, Butterfly valve, Throttle valve
Control Integration	Compatible with KXBC mining flameproof control box; Supports DCS system integration for automation