

Explosion-Proof Electric Valve Actuator with Over-Torque Protection

This explosion-proof electric actuator is designed for precise valve control in hazardous environments. It features adjustable over-torque protection to prevent damage and a robust enclosure for harsh conditions.



ADDITIONAL IMAGES



Overview

High-Performance Explosion-Proof Actuation

This explosion-proof electric valve actuator is engineered for reliable, quarter-turn automation in hazardous industrial environments. Featuring a rugged, die-cast aluminum housing and advanced over-torque protection, it ensures safety and longevity even in demanding explosive gas atmospheres. Designed for ease of use, it supports standard ISO5211 installation and offers both manual and automated control options.

Technical Specifications

Performance Metrics

90 %

Gas Environment Compatibility

Operation Type	Quarter turn with mechanical limits
Housing Rating	IP68, NEMA 4X
Explosion Proof Grade	ExdIIBT4 (Zone system) / Group C, D T4 (Division system)
Installation Standard	ISO5211

Features & Protection

Key Protection Features

Over-Torque Protection • Thermal Overload Protection • Fire-treated Motors • Anti-condensation Heater (Optional)

Manual Override	Allen wrench or handwheel
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Certification

Certification Status	CSA certification in process
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