

# Explosion-Proof Electric Actuator with DC Motor

This explosion-proof electric actuator is designed for precise valve control in hazardous environments. It features a DC motor for reliable and accurate positioning.



## ADDITIONAL IMAGES



## Overview

### High-Performance Explosion-Proof Actuation

This modulating electric actuator is engineered for precise valve control in hazardous industrial environments. Powered by a 24VDC heavy-duty brush motor, it delivers high starting torque with minimal inertia, ensuring reliable performance and a long service life. The unit features a robust, IP68-rated aluminum alloy enclosure, making it fully protected against dust and water ingress in demanding conditions.

## Technical Specifications

### Ingress Protection

IP68

### Power Supply

24VDC

### Operation Type

Modulating, Quarter-turn

### Motor Type

Heavy-duty DC brush motor

### Mounting Standard

ISO5211 Multi-flange

## Compliance & Safety

### Safety Features

- Flameproof enclosure design
- Over-torque protection by current sensing
- Fully potted controller for vibration/moisture resistance
- Tempered glass position indicator (10mm)
- Optional anti-condensation heater

### Certifications & Compliance

ATEX, CE, RoHS 3, UL Standard

## Performance Metrics

### Key Performance Metrics

**10 mm**

Indicator Glass Thickness