

From the overall production process standpoint, Failsafe actuators represent a major challenge for Badran. Greatest responsibility, reliability, and flexibility come together in the making of these actuators. The technology is based on an electric actuator with a purely mechanical safety function. In the event of a power outage or triggering of the safety function, the actuator moves into a preset position so that no hazards are posed to humans or the environment. According to an externally-conducted FMEDA (Failure Modes, Effects and Diagnostic Coverage Analysis), the Failsafe actuator achieves a safety integrity level of 3.

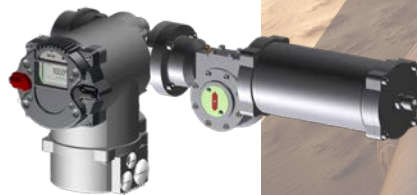
Failsafe actuators are generally adapted to customer requirements in terms of actuating force (operating torque), travel distances, and positioning time characteristics in normal and failsafe operation.

Key Features:

- Actuators for on-off (S2) and modulating control (S4)
- ATEX compliant, explosion-proof actuators
- Voltages from 24 V DC to 400V AC 3~
- As Part turn actuators: up to 32,000 Nm
- As linear actuators: up to 190kN and 230mm stroke
- Adjustable speed / time



REGEL FAILSAFE 90 ° LINEAR



FAILSAFE 90 °



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