

AUMA News

Part-turn (Quarterturn) Actuators for Hazardous Locations

AUMA's tried and proven range of part turn actuators are now available for installation in hazardous (classified) locations. The SGExC series has been rated explosionproof by FM Approvals for Class I, Division 1, Groups C and D; Class I, Zone 1, Group IIB and dust-ignitionproof for Class II/III, Division 1, Groups E, F and G hazardous (classified) locations.

The SGExC05.1 through SGExC12.1 is available for torque requirements up to 880 ft lb with 3-phase, single phase and DC motors. AUMA's range of SAExC / GS part-turn actuators provides up to 265,000 ft lb torque with 3-phase motors. Both versions are available in a conventional configuration with position and torque switches and a non-intrusive configuration with position and torque sensing encoders in addition to AUMATIC controls.

This approval is in addition to AUMA's part-turn actuator approvals in accordance with ATEX directive 94/9/EC and certificates issued by various other international agencies.

The SGExC allows users of electric actuators in hazardous locations to take advantage of AUMA's plug and socket electrical connection both at the field terminations and between the actuator controls and actuator. The SGExC is available in versions without integral controls and with AUMA Matic (AMExC) and AUMATIC (ACExC) controls. These controls allow the actuator to interface with a broad range of plant control systems including discrete inputs, analog signal and the digital communication interfaces PROFIBUS, DeviceNet, Modbus and Foundation Fieldbus.

AUMA is a worldwide leading manufacturer of electric motor actuators for industrial valves.



AUMA SGExC Part-turn Actuator

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