



## Fireproof electric actuators

*AUMA has expanded its range of explosion-proof valve actuators to include built-in fire resistance up to 1100°C*

As a leading manufacturer with four decades of experience in actuator design, **AUMA (Hall 8.o S41-45)** successfully upgraded its multi-turn and part-turn actuators to meet the new ATEX Directives (94/9/EC) in 2001. Building on this expertise, AUMA has now expanded its portfolio of explosion-proof products through the use of K-Mass fireproofing from Thermal Designs, Inc. This moulded intumescent material has outstanding fireproofing properties yet does not affect the actuator's normal operation.

Designed to allow actuator service or maintenance without removal, K-Mass has passed the UL 1709 high heat flux fireproofing test, ensuring that the actuator can survive ambient temperatures of 1100°C. A further advantage of the new system is the availability of fireproofed actuators ready for installation. This logistical benefit eliminates the need for separate procurement

and commissioning which is required by other fireproofing methods.

AUMA group company AUMA Riester GmbH & Co. KG (Müllheim, Germany) is a leading manufacturer of electric actuators. The company's multi-turn, part-turn valve and linear actuators are used in the energy, water, chemical and food industries and in other large-scale industrial plants. AUMA managing director Matthias Dinse explains: "The broad spectrum of our drive and control systems offers solutions for virtually all needs. We are also developing sophisticated detailed systems and integrated systems for shipbuilding and servomotors." Heavy investment in R&D ensures continuous product improvement.

The company's drive and control systems come with microprocessors and field-bus interfaces to enable integration with modern process control systems. AUMA also makes sure that its systems can func-

tion properly under extreme environmental conditions. Multi-turn actuators for a sewage plant in the United Arab Emirates, for instance, have to work just as reliably as explosion-proof drive systems in an Australian refinery. The computer-based manufacture of drive systems and components takes place mainly at the company's own production facilities, where skilled employees ensure high product quality. Henrik Newerla, managing director of AUMA Riester GmbH & Co. KG, says: "The fact that 90% of our output is exported underlines the great demand for AUMA products throughout the world." [www.auma.com](http://www.auma.com)