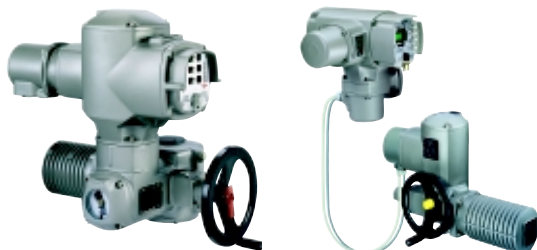


Compact electrical part-turn actuator for small diameter part-turn valves

To design a small, lightweight and inexpensive electric actuator for the automation of small open-close part-turn valves with low torque requirement meeting the high AUMA standards - this was the task given to the AUMA design engineers. The result was the invention of the part-turn actuators SG 03.3 and SG 04.3, which extend the torque range of the well-established part-turn actuator types SG 05.1 – SG 12.1 to lower torques.

The maximum output torques of the two-actuator sizes amount to 32 Nm or 63 Nm, with operating times for 90° ranging between 8 s and 32 s. F04, F05 or F07 are available as flange sizes. In the end positions, the motor may be switched off directly via the limit switches, enabling easy control of the actuators. For more complex tasks or a field bus connection, the actuator is also available with additional integral actuator controls AUMA MATIC.

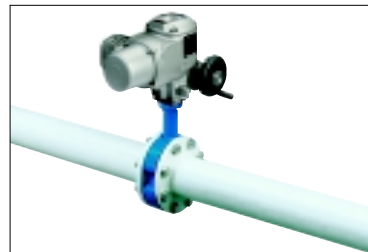


Other features include high enclosure and corrosion protection, permissible ambient temperatures ranging between –25 °C and +70 °C, handwheel operation without changeover mechanism and an electrical connection with plug or socket connector.

AUMA will also be introducing its other products at IFAT:

- Explosion-proof multi-turn actuators SAExC 07.1 SAExC 16.1 and part-turn actuators SGExC 05.1 – SGExC 12.1 with and without integral actuator controls AUMA MATIC, which have been certified in accordance with the new ATEX Directive 94/9/EC. The newly qualified actuators are all approved for explosion class IIC.
- The micro-controller operated actuator controls AUMATIC with and without field bus interfaces.

AUMA is one of the leading companies manufacturing electric actuators, actuator controls and manual gear operators for industrial valve application. The company is



a specialist in electric part- and multi-turn actuators with more than 35 years of experience in valve automation.

Hall A5, Stand 237 ■

Enquiry No: 028