

SIPOS' TOP Product: seven HiMod

Precision in continuous duty



The electric actuator 'SIPOS SEVEN HiMod' was developed to operate in conditions where the highest quality of control is an absolute prerequisite.

Among the exceptional quality features of the SIPOS SEVEN HiMod is a Highres Absolute Position encoder with a maximum tolerance of 0.003 %. By means of this encoder, the HiMod actuator registers the position of the output shaft even when there is a power failure, if the position of the output shaft is altered by operating the hand wheel. As a result, changes of position which could occur during a power-cut can be reliably identified and, when power is reinstated, this information is communicated accurately to the control system. And all this is achieved without a battery.

High standards have been achieved by the HiMod continuous precision actuator including IP68 Protection Class status, C5 corrosion protection and continuous duty according to Class D, EN 15714-2.

Additionally, the HiMod's installation procedure is completely 'non-intrusive' and adjustment of end positions can be achieved without opening the actuator. This, together

with a double-sealed electro-connection compartment, guarantees that electronic components are kept safe from harmful environmental influences – a feature that is particularly important for actuators during installation.

High quality components, together with SIPOS' proven manufacturing and service track record, ensure the success of HiMod actuators deployment in situations where continuous high-demand and long-term usage is required.

At the heart of the HiMod's capability are intelligent software solutions for the most diverse process requirements. In synergy with its high quality components, the software completes the profile of SIPOS' actuator as a high-end product.

Reaffirming the quality of the actuator and its performance in the most rigorous environments, SIPOS Aktorik provides a five year guarantee on motor and gear parts-components that are most subjected to continuous wear-and-tear. The warranty underlines the status of the HiMod actuator as a flagship addition to the company's product portfolio, Made in Germany.

Key features

Electric High-End Actuator

- Unsurpassed level of precision: Max. 0.2 % tolerance
- Continuous duty: Meets Class D requirements of EN 15714-2
- Suitable for critical environments: High resistance against corrosion and IP 68 Protection Class
- Reliable and robust: 5 year guarantee on motor and gear components
- Comprehensive software functions: Essential actuation for 'smart' solutions
- Drive Controller: A single, hermetically sealed, control button
- USB port: Multifunction access for commissioning, diagnostics, and service.
- Multicolor graphic display with status indication
- Bluetooth connectivity: Wireless parametering
- Double-sealed: Designed to protect high-value electronic components in tough environments