ACTUATOR

Meaning: An actuator is a device that converts energy into motion to control a mechanism or system.

1. The actuator in the robotic arm allows for precise movement and control.
2. A malfunctioning actuator can lead to a complete system failure in automated machinery.
3. Engineers designed a new actuator that improves the efficiency of the automated process.
4. The pneumatic actuator operates using compressed air to create motion.
5. In the HVAC system, the actuator controls the opening and closing of dampers.
6. The data from the actuator provided valuable insights into the machine's performance.
7. An electric actuator is often preferred for applications requiring rapid response times.
8. Regular maintenance of the actuator ensures the longevity of the entire system.
9. The actuator's response time is critical in applications where safety is a concern.
10. In modern vehicles, the actuator is responsible for adjusting the position of the headlights.

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