Modern locking systems are...

**…uncomplicated**
Solenoid-powered or motorized locking systems do not require any hoses and seals that are prone to mechanical wear. For this reason this technology is the better alternative for many applications and superior to pneumatic or hydraulic solutions.

**…compact**
The mechanical setup of an actuator can be tailored perfectly to the existing spatial conditions and allows maximum flexibility when it comes to integrating it into the existing structure.

**…fast**
The electro-mechanical operating principle easily generates rotary, pushing or lifting movements. This allows applying high forces with optimum dynamic characteristics.

**…cost effective**
Solenoid-powered or motorized locking systems require neither a compressed air supply not any hydraulic pressure. This means there is no need for the related hardware and control electronics. There are also no costs for the operation of any high-maintenance infrastructure.

**…reliable**
Safety-relevant applications call for absolutely reliable operation exactly at the right moment. Actuators from Kendrion Kuhnke Automation are a proven technology in Aircraft Interiors as well as industrial production processes.

**…safe**
An effective access control system or reliable protection from dangers calls for solutions without compromises. If required, a special fail safe function guarantees a safe position of the lock in difficult conditions.

**…low maintenance**
Simple mechanical design with only few moving parts guarantees reliable continuous operation. Kendrion Kuhnke Automation provides actuators backed by many decades of experience.

**…low noise**
Wherever switching processes need to operate for several hours, days or even years, Kendrion Kuhnke Automation offers a solution that guarantees maximum reliability with an exceptionally low noise level.
Proven experts with locking systems

Our solutions are convincing due to...

...application know-how
Locking systems from Kendrion Kuhnke Automation can be found in a wide range of applications in fields such as measuring and analysis technology, transportation and traffic, locking and access control systems, door systems etc.

...plug & play design
Full integration of the locking system into any client application without the need of further adjustments.

...custom design
Kendrion Kuhnke Automation is not only a supplier, but considers itself a technology partner of its customers. We follow a holistic approach and focus on solutions. Doing so, we apply our specialized know-how and support a project from the definition all the way to the solution.

...partnership
Close communication between you and our product design specialists is crucial for any successful project. Modern design tools in combination with interdisciplinary know-how are the basis for fast project development and an optimized solution.
Motorized versus electromechanical locking

Advantages of motorized locking systems
- Large stroke range
- Multiple switching positions
- High closing forces
- Optional torque control
- Fully-automated multi positioning
- Manual emergency unlocking
- High-quality sound perception

Advantages of solenoid-powered locking systems
- Light weight
- Compact dimensions
- Low energy consumption (powerless locking position)
- Superior service life
- Fast switching
- Battery operation possible
- Simple control electronics

Advantages of our locking systems
- Customized solutions
- Easy integration and adaption
- Low installation time requirement
- Flexible mounting options
- Durable mechanics
- Integrated sensor technology possible
- Maintenance-free