

Locking Line

Solenoid Technology

Electromechanical compression locking **NEW: Professional Laundry Lock RL**

Kendrion is the specialist for customised closure technologies. In recent years we also have specialised in industrial washing machines.

We develop and produce our closure technology based on our many years of extensive experience in a wide variety of fields. We also offer a high degree of flexibility and can provide both special solutions and a standard range.

A new addition to our standard range is the RL door lock for industrial washing machines. The demands on this system are high. It must be very robust and ensure that the washing machine door cannot be opened during the washing process, even in the event of vandalism or improper handling.

Therefore, we have developed a compact unit consisting of our bistable solenoid, a mechanical lock, sensors for the closing and end positions, and central connections, and an emergency release.



Features

- Flat and robust design
- Emergency release
- Ready-to-install lock
- Bistable reversing solenoid
- Suitable for high ambient temperatures
- Two to three sensors for closing and locking position

Technical Data ¹	Professional Laundry Lock RL
Operating voltage	24 V DC & 12 V DC (another voltage on request)
Duty cycle	15%
Nominal power	24 W (short impulse min. 100 ms and max. 2 s)
Dimensions	Width 70 mm, length 174 mm and depth 30 mm
Seal compression distance	4 mm
Rotation angle	60°
Mounting	Door lock installed on the left side. Door hinge on the right side.
Seal compression	Up to 400 N
Sensors	2 to 3 microswitches for detecting “door-closed” and “door locked”
Ambient temperature	5 – 80° C
Lifetime	30.000 washing cycles
Vibration resistance	Up to 14 g in all axis
Certificate	RoHS and UL-listed material

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