

Locking Line

Solenoid Technology

Electromechanical compression locking

NEW: Rotary Door Lock RL

The new, ready-to-install rotary lock from Kendrion was specially developed to meet the highest requirements in the industry. The robust lock convinces as a compact unit consisting of a bistable reversing solenoid, a mechanical lock, sensors for the closing and end position, and central connections, and an emergency release.

The locking mechanism combines the steps:

- Mechanical compression locking of a swing door using a rotary lever.
- Electromagnetic locking of the closed state

Kendrion is a specialist in customised locking technology and has a broad portfolio of door locks. In addition, we offer a high degree of flexibility and can provide both special solutions and a standard range.

Areas of application

- Professional washing machines
- Industrial ovens and combi steamers
- Climatic chambers and environmental simulation systems
- Process and laboratory sterilisers and incubators



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	Rotary Door 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 cycles
Vibration resistance	Up to 14 g in all axis
Certificate	RoHS and UL-listed material

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