



KENDRION SOLUTIONS

## Safe in position

Solenoid for locking in radiography

Radiography is a necessary procedure in many medical facilities. Modern X-ray units combine a wide range of functions that support the largely automated setting of the unit.

One important aspect is the precise and safe positioning of the X-ray arm. The LHP035 takes over the task of securely locking the set position. The linear solenoid is particularly convincing due to its strength with low space requirements and long service life.

In this application, the LHP035 works according to the current working principle. To lock the position of the X-ray arm, the armature is extended in its initial position.

If a different position is reached, the magnet is attracted by the current

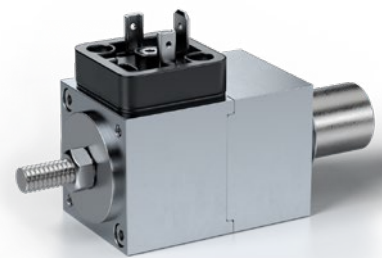
supply and releases the arm. When the desired position is reached, the armature extends again when the voltage drops and locks the new position securely.

### Product features

- compact design (53x35x35 mm)
- high reliability (10 million cycles in continuous operation)
- short switching time
- robust design
- easy mounting
- customisable

### Other examples of use

- automation technology
- railway technology
- power engineering
- intralogistics



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