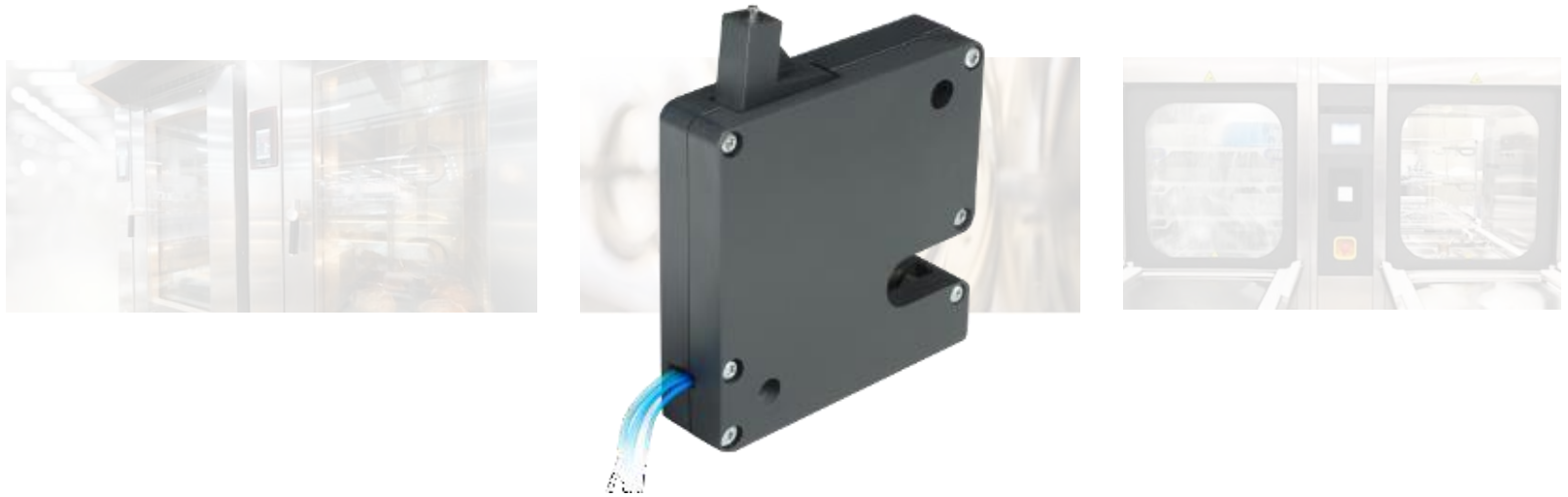
Product Information
Standard Solenoid Door Lock

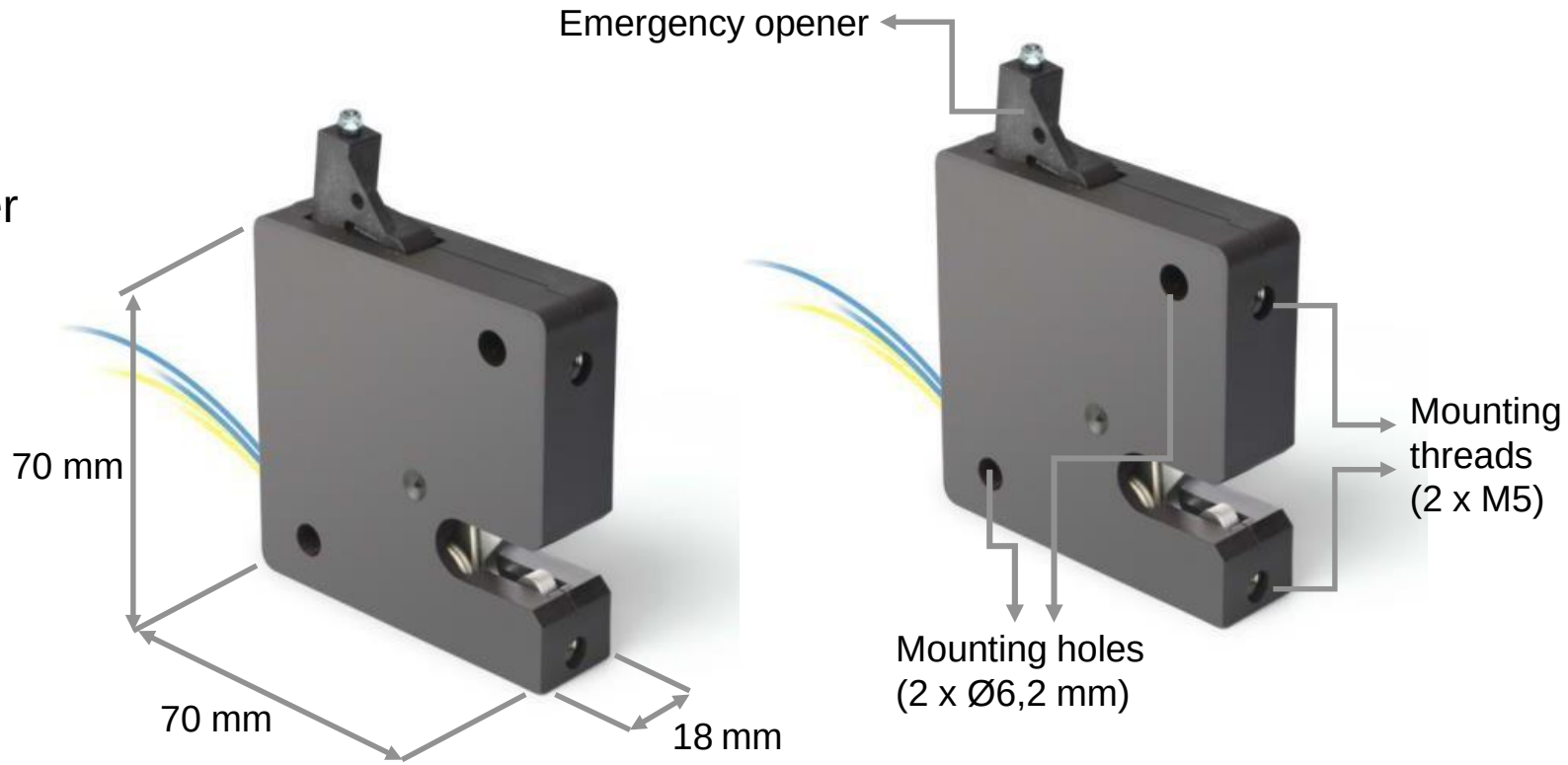


PRECISION. SAFETY. MOTION.

February 2020

STANDARD KUHNKE SOLENOID DOOR LOCK
UNIQUE CHARACTERISTICS

- Compact and robust design
- Plug and Lock
- Equipped with emergency opener
- Equipped with microswitch for locked position
- Easy to adapt for various applications.



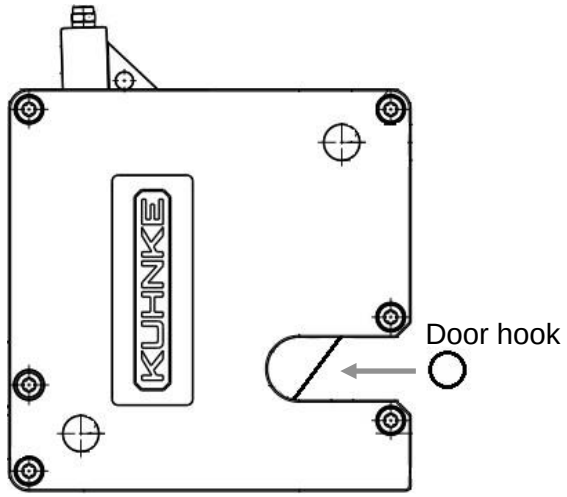
STANDARD KUHNKE SOLENOID DOOR LOCK
TECHNICAL SPECIFICATION

Technical data	Solenoid door lock self-locking (SL) and active-locking (AL)
Operating voltage	24 V DC & 12 V DC (another operating voltage on request)
Power consumption	36 W, 10% Duty cycle (short impulse at least 100 ms)
Dimension (WxLxD)	70 x 70 x 18 mm
Weight	Approx. 150 g
Maximum static holding force	1600 N
Maximum load force for electrical unlocking	400 N
Operating temperature	0 – 80° C (other temperature ranges on request)
Lifetime	100.000 switching cycles
Shock resistance According to DIN EN 60068-2-27	AL: 40g (100g / 11ms available as customised design)
Approval	UL-listed materials are applied

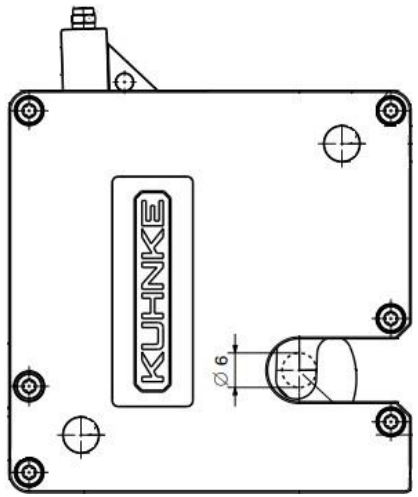
STANDARD KUHNKE SOLENOID DOOR LOCK
STANDARD LOCK MECHANISM

Self-Locked

This type of lock needs only to be energized in order to unlock. If you want to lock, you just need to push the door into the locking position. The door will be locked automatically.



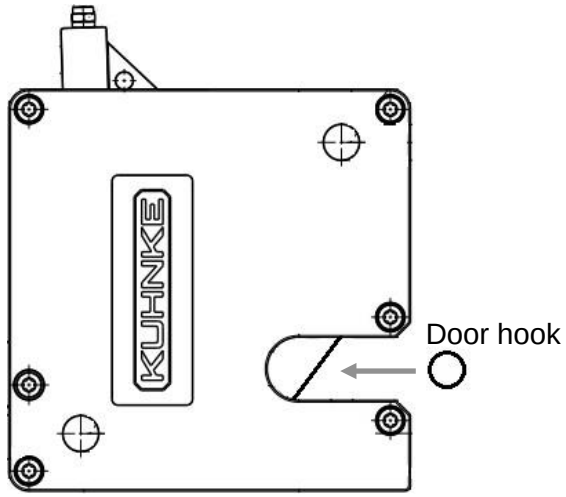
Locking process



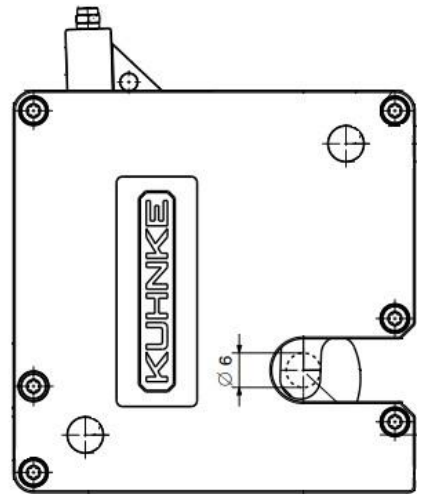
Locked position

Active-Locked

This type of lock needs to be energized in order to lock and unlock. It means, that the door will not be locked automatically in the locked position.



Locking process



Always energize the door lock to lock and unlock

STANDARD KUHNKE SOLENOID DOOR LOCK
OVERVIEW OF STANDARD TYPES

Self-Locked

Solenoid door lock SL7010 24VDC	Order no. ID193368
Solenoid door lock SL7010 12VDC	Order no. ID194111

Active-Locked

Solenoid door lock AL7011 24VDC	Order no. ID193449
Solenoid door lock AL7011 24VDC HS7754	Order no. ID193602 - soft close locking
Solenoid door lock AL7011 24VDC HS7762	Order no. ID194763 - high shock resistance
Solenoid door lock AL7011 24VDC HS7765	Order no. ID195355 - pre-locking mechanism

12 VDC on request