

Air2One Lock 1051

Electric Furniture Lock

Magnetic Door Sensor

Article Number: MI-MMV1-1051-AIR



Solid furniture lock with metal housing. Built-In mechanical door sensor. Flexible mounting options, features push-to-open capability.

Technical Data

Compressive tensile strength	200 Kg*
Cable Length	3 m
Connector	6 pin Molex Nano-fit Socket
Bolt	Steel Bolt 4,5 mm
Operating Voltage	12 V DC
Locking Cycles	500 000
Current Consumption	200 mA
Power Supply requirement for 8 Locks	25 W
Temperature Range	-10 °C to +40 °C
Dimensions (LxWxH)	94 x 30 x 32 (mm)
Door Latch Dimensions (LxWxH)	40 x 31 x 21 (mm)

Features

Door Open Sensor	YES
Push-to-Open Capability	YES*
Auto-Eject	NO
Mechanical Emergency Opening	NO
Permanent ON Capability	YES

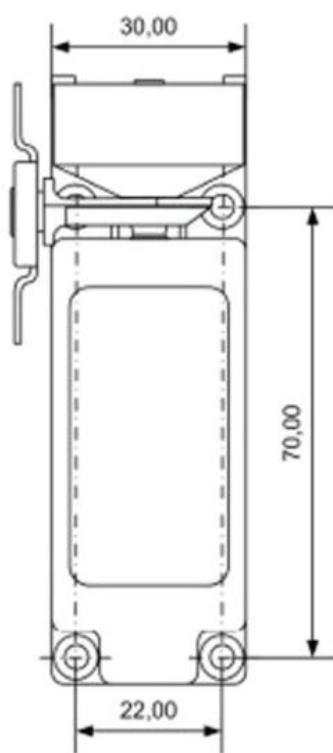
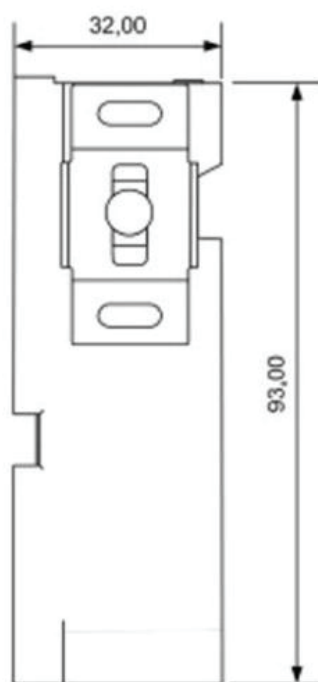
* Perfect mounting situation on high performance steel frames, mounting with steel bolts. For best security keep door gaps as small as possible, max. 3 mm recommended! Applicable on wooden furniture - strength of lock will be higher than that of the wood.

Locking function MUST be tested in a sample furniture before final production regarding manipulation security and tolerance for misalignment - to ensure safe and secure locking!

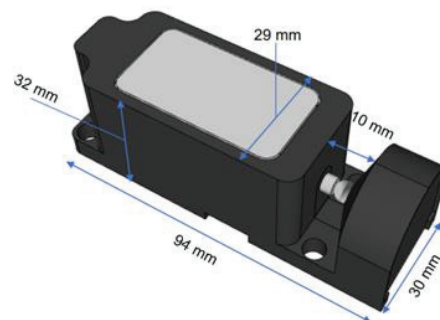
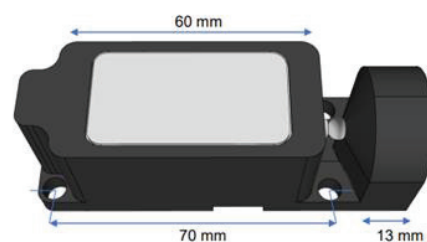
Lock Installation MUST be tested while assembly before the door/drawer is closed the first time - to avoid blocking access into a cabinet!

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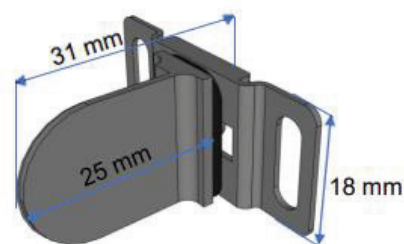
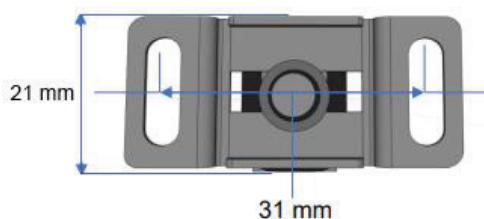
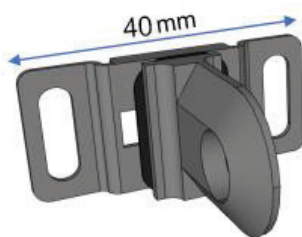
Lock Dimensions



SCAN ME!



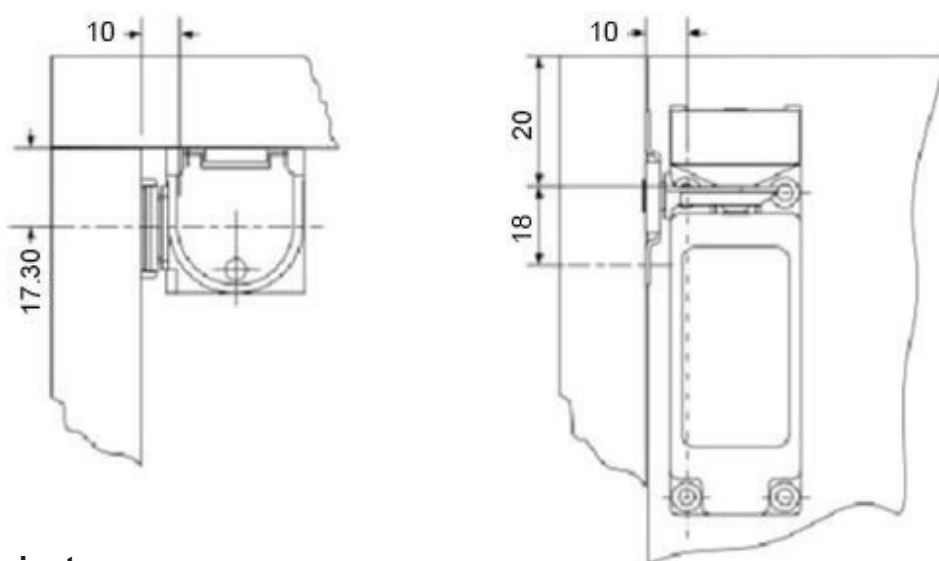
Latch Dimensions



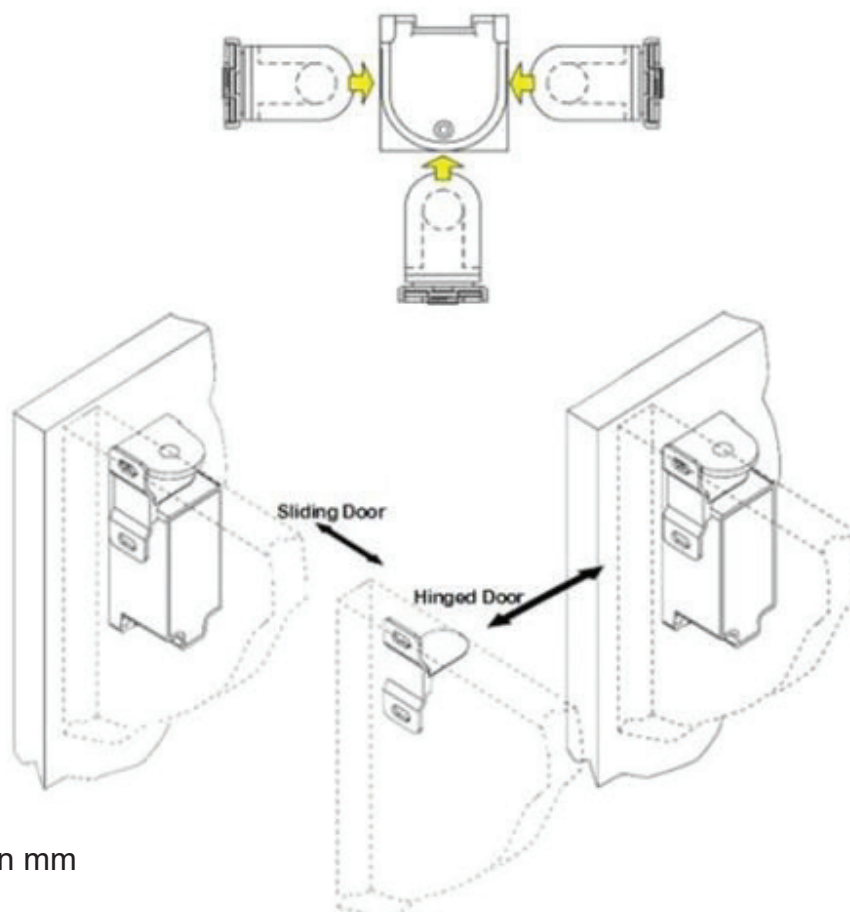
Dimensions expressed in mm
Tolerance ± 0.5 mm

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Installation Dimensions



Installation Variants




Dimensions expressed in mm
Tolerance ± 0.5 mm


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Examples and Recommendations


Electro Lock
MMV1051



3 in combination with:
PUSH to OPEN




NO preload on doors –
unlocked doors must stay
closed!



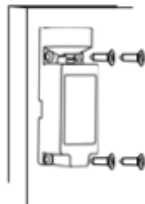
Contact:
service@memo.co.at
Tel.: +356 2149 2262

1 Recommendation:

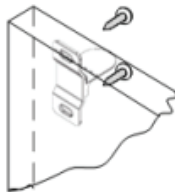


Magnet holder
or
Spring hinges

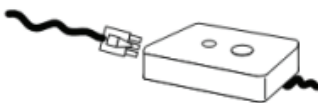
2 Lock installation:



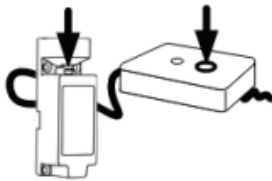
3 Installation of lock bolt:



4 Connect lock to test unit:

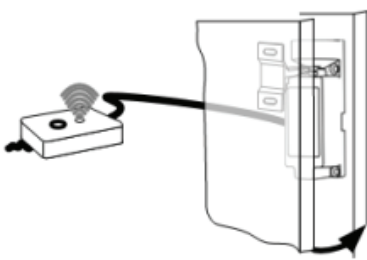


5 Push button:



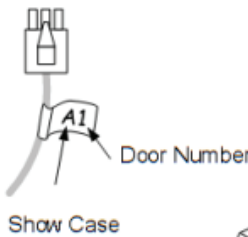
Check Lock activation!

6 Close door only if lock activation was OK:



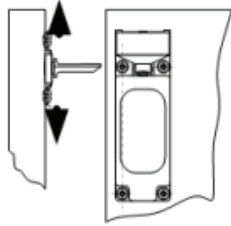
Check Door Sensor!

7 Label cable according to plan:




Door Number
Show Case

8 Check free opening and closing:



Adjust Latch and Hinges!



Version: 1.5
Date: 12.07.2018
Author: kc

ATTENTION !

FOLLOW THE INSTALLATION RECOMMENDATIONS CAREFULLY!

LOCK SHOULD BE INSTALLED IN SUCH A WAY THAT IT CAN BE DISMANTLED FROM THE OUTSIDE IN CASE OF DEFECT WHILE THE DOOR IS LOCKED. SO THAT ACCESS TO THE CABINET CAN BE MAINTAINED AT ALL TIMES.

Self-closing hinges and holding magnets **MUST** be used - **NO** opening tension on doors and drawers!

Test lock function on a prototype before going into production!