

# Air2One Lock 0923

## Electric Furniture Lock

## Magnetic Door Sensor

Article Number: MI-MMV1-0923-AMAIR



This lock type combines compact design with high resistance against break in attempts. External magnetic door sensor, manipulation proofed, is included + latch 15 mm. A very compact lock for versatile mounting positions.

### Technical Data

Compressive tensile strength	400 Kg*
Cable Length	3 m
Connector	6 pin Molex Nano-fit Socket
Bolt	Steel Bolt 8 mm
Operating Voltage	12 V DC
Locking Cycles	1 000 000
Current Consumption	420 mA
Power Supply requirement for 8 Locks	40 W
Temperature Range	0 °C to 50 °C
Dimensions (LxWxH)	90 x 52 x 25 (mm)
Door Latch Dimensions (LxWxH)	49.5 x 32 x 16 (mm)

### Features

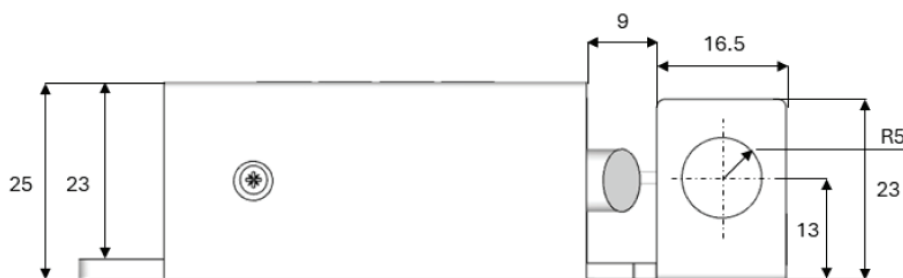
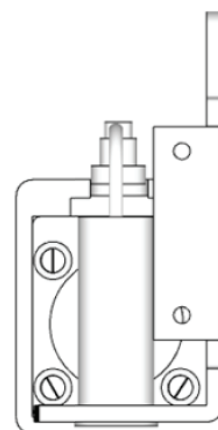
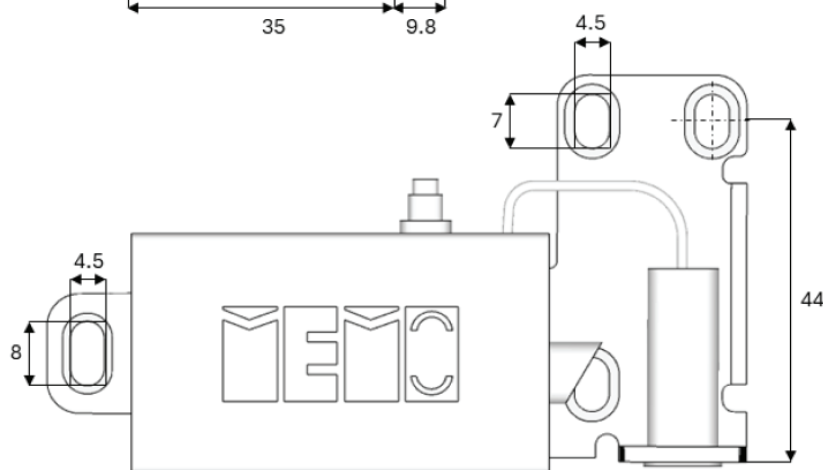
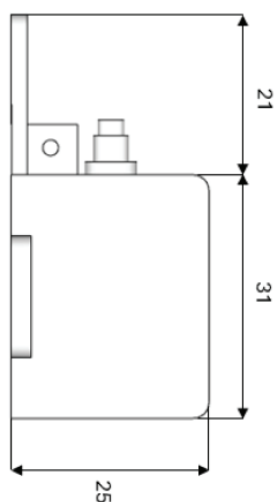
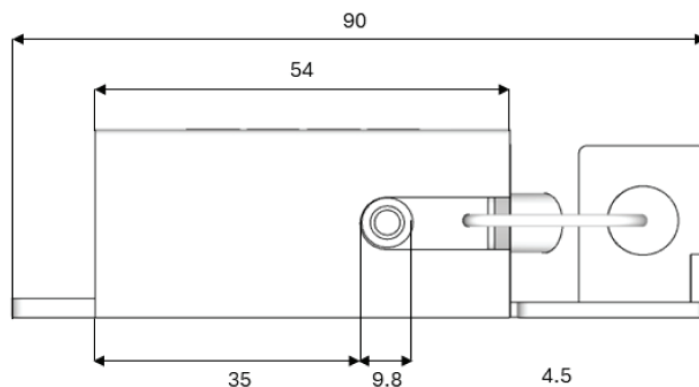
Door Open Sensor	YES (External Security Reed Sensor)
Push-to-Open Capability	YES
Auto-Eject	NO
Mechanical Emergency Opening	NO
Permanent ON Capability	YES

\* 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.

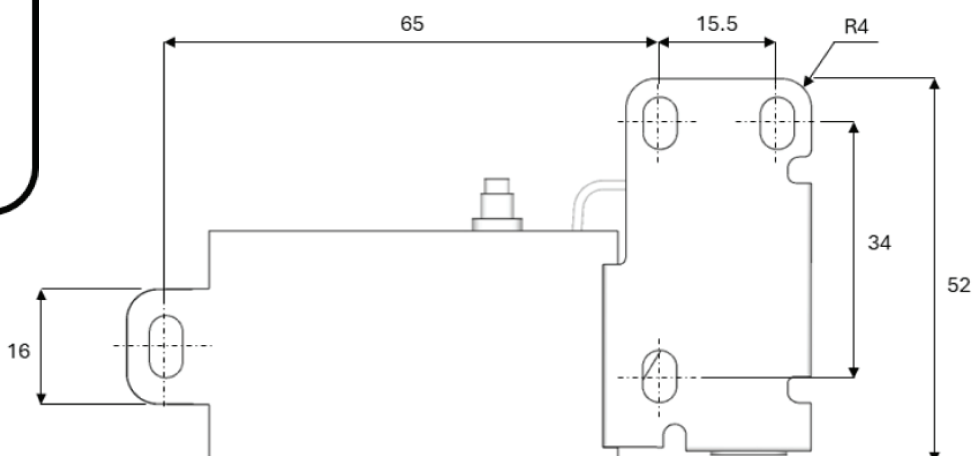
Locking function MUST be tested in a sample furniture before final production regarding manipulation security and tolerance for misalignment - to ensure safe and secure locking!

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

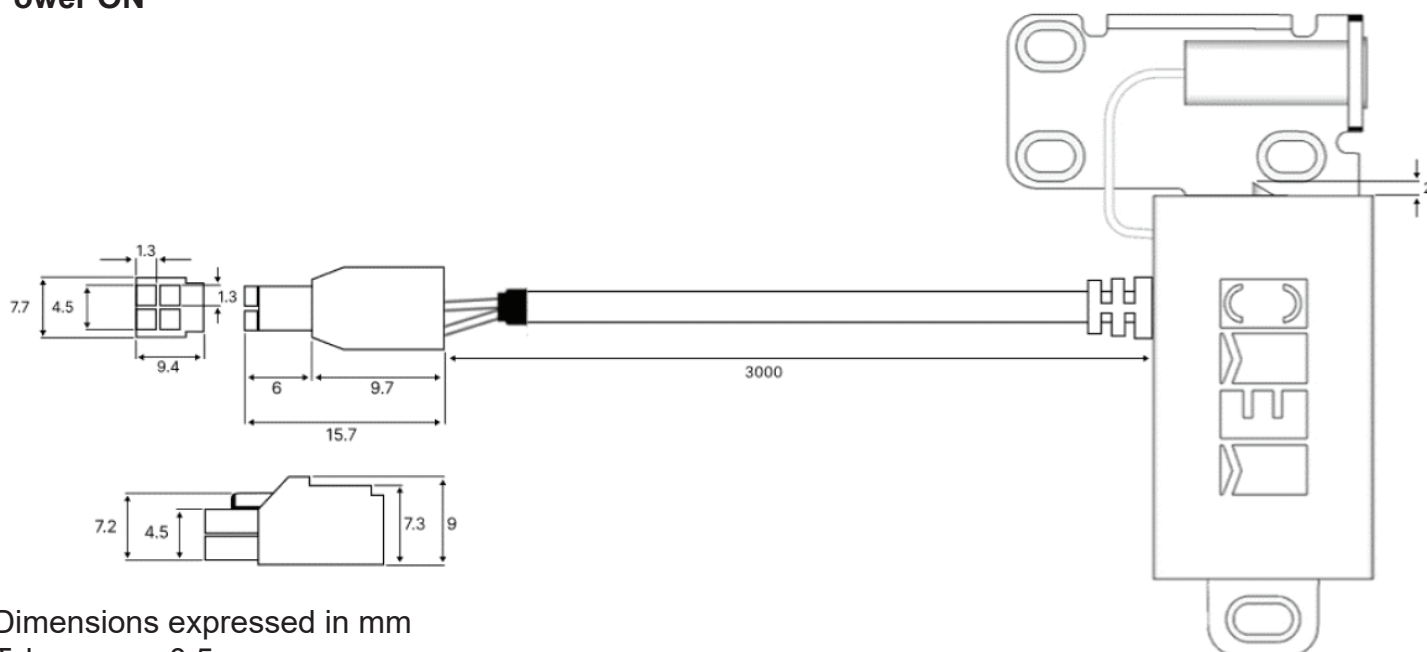
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SCAN ME !



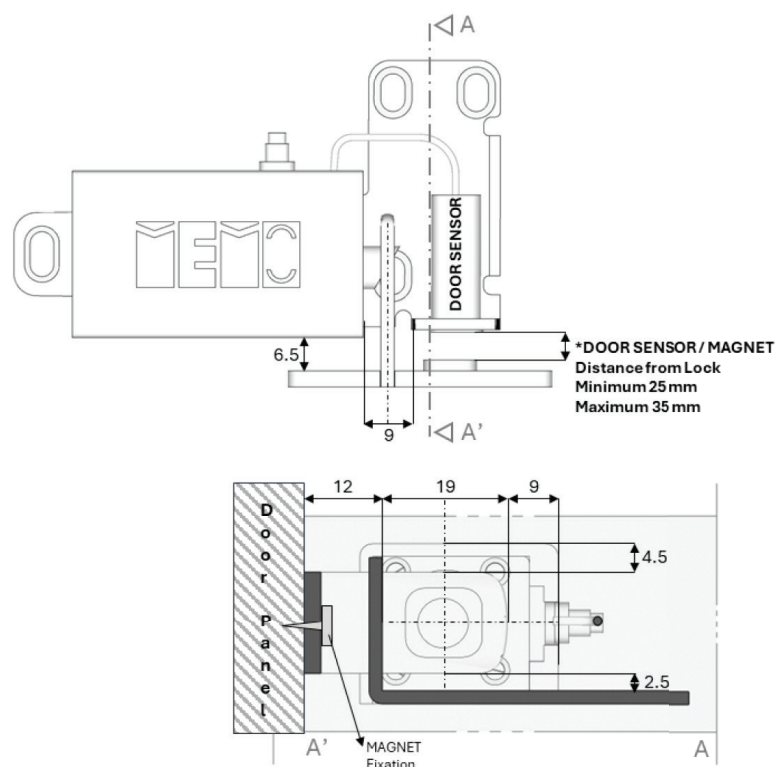
## Power OFF



Dimensions expressed in mm  
Tolerance  $\pm 0.5$  mm

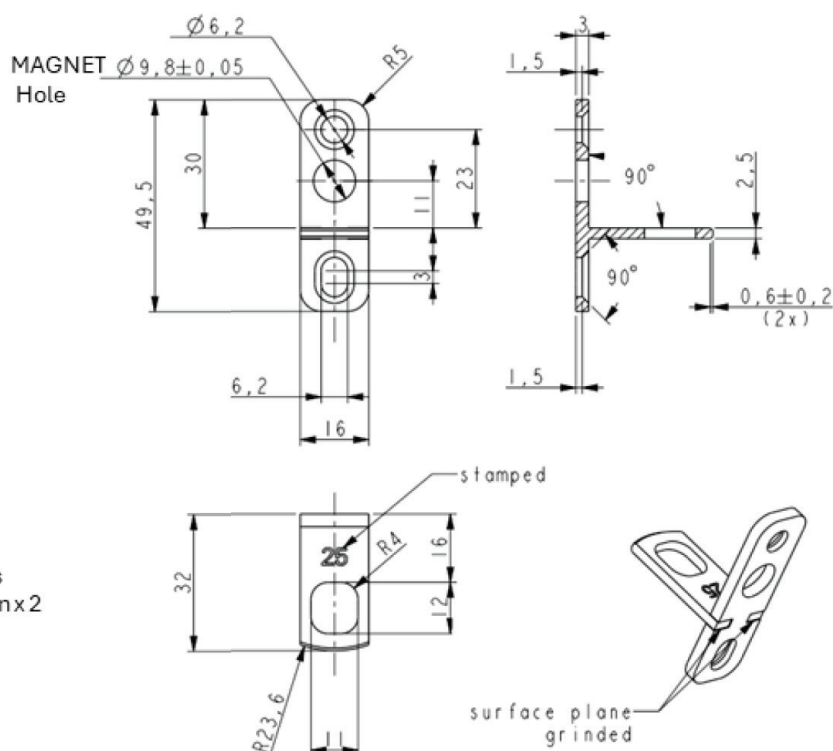
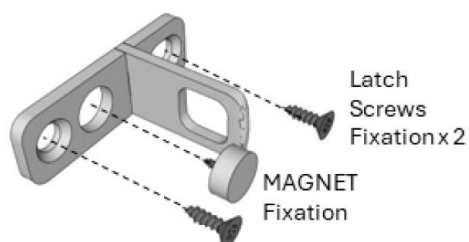
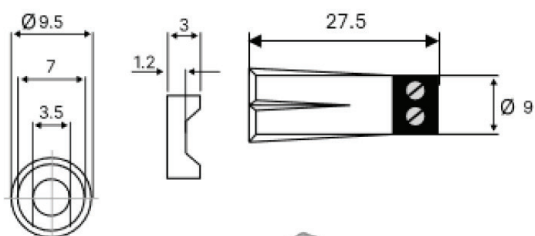
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### Latch and Sensor



### Latch Dimensions

#### \*DOOR SENSOR / MAGNET




Dimensions expressed in mm  
Tolerance  $\pm 0.5$  mm


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## Examples and Recommendations


**Electric Lock  
MMV0923**



NOT in combination with  
PUSH to OPEN

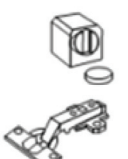


NO preload on doors—  
unlocked doors must stay  
closed!



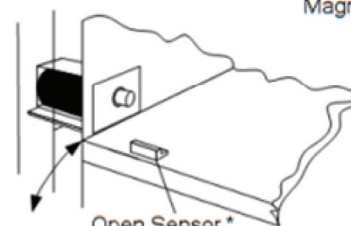
Contact:  
service@memo.co.at  
Tel.: +356 2149 2262

**1** Application only together with:



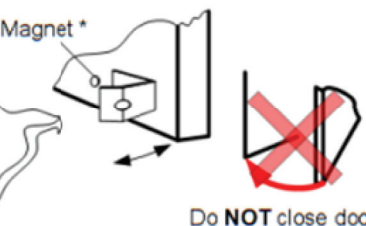
Magnet holder \*  
or  
Spring hinges

**2** Lock Installation Example



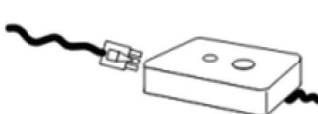
Magnet \*  
Open Sensor \*

**3** Installation of Angle Plate:

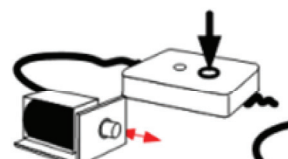


Do **NOT** close door!

**4** Connect lock to test unit

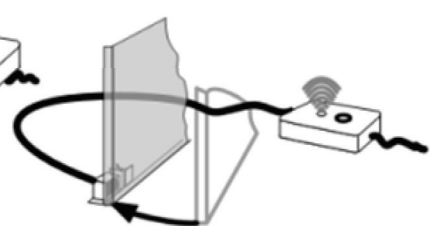


**5** Push button:



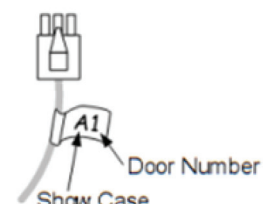
Check Lock activation!

**6** Close door only if lock activation was OK:



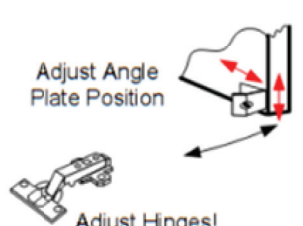
Check Door Sensor! \*

**7** Label cable according to plan:




A1  
Door Number  
Show Case

**8** Check free opening And closing:



Adjust Angle  
Plate Position  
Adjust Hinges!



\* applicable to Level 1 Locks only

Version: 1.5  
Date: 15.04.2019  
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!

Preferred mounting position: horizontal!

Test lock function on a prototype before going into production!