

## ELECTRIC FURNITURE LOCK AIR2ONE CONNECTOR

This lock type combines compact design with high resistance against break in attempts. External magnetic door sensor, manipulation proofed, is included. A standard lock latch with satin metal finish is included. A very cost-effective compact lock for versatile mounting positions and high resistance.



**Article number:**  
**MI-MMV1-1001-AIR**

### Technical Data

<b>Compressive Tensile Strength</b>	500 kg *
<b>Cable Length</b>	3 m
<b>Connector</b>	6 pin Molex Nano-fit Socket
<b>Bolt</b>	Steel Bolt 6 mm
<b>Operating Voltage</b>	12 V DC
<b>Locking Cycles</b>	N.A.
<b>Current Consumption</b>	700 mA
<b>Power Supply requirement for 8 locks</b>	25 W
<b>Temperature Range</b>	0 °C to 50 °C
<b>Dimensions (LxWxH)</b>	63,5 x 22 x 19,5 (mm)
<b>Door Latch Dimensions (LxWxH)</b>	30 x 22,5 x 16 (mm)

### Functions

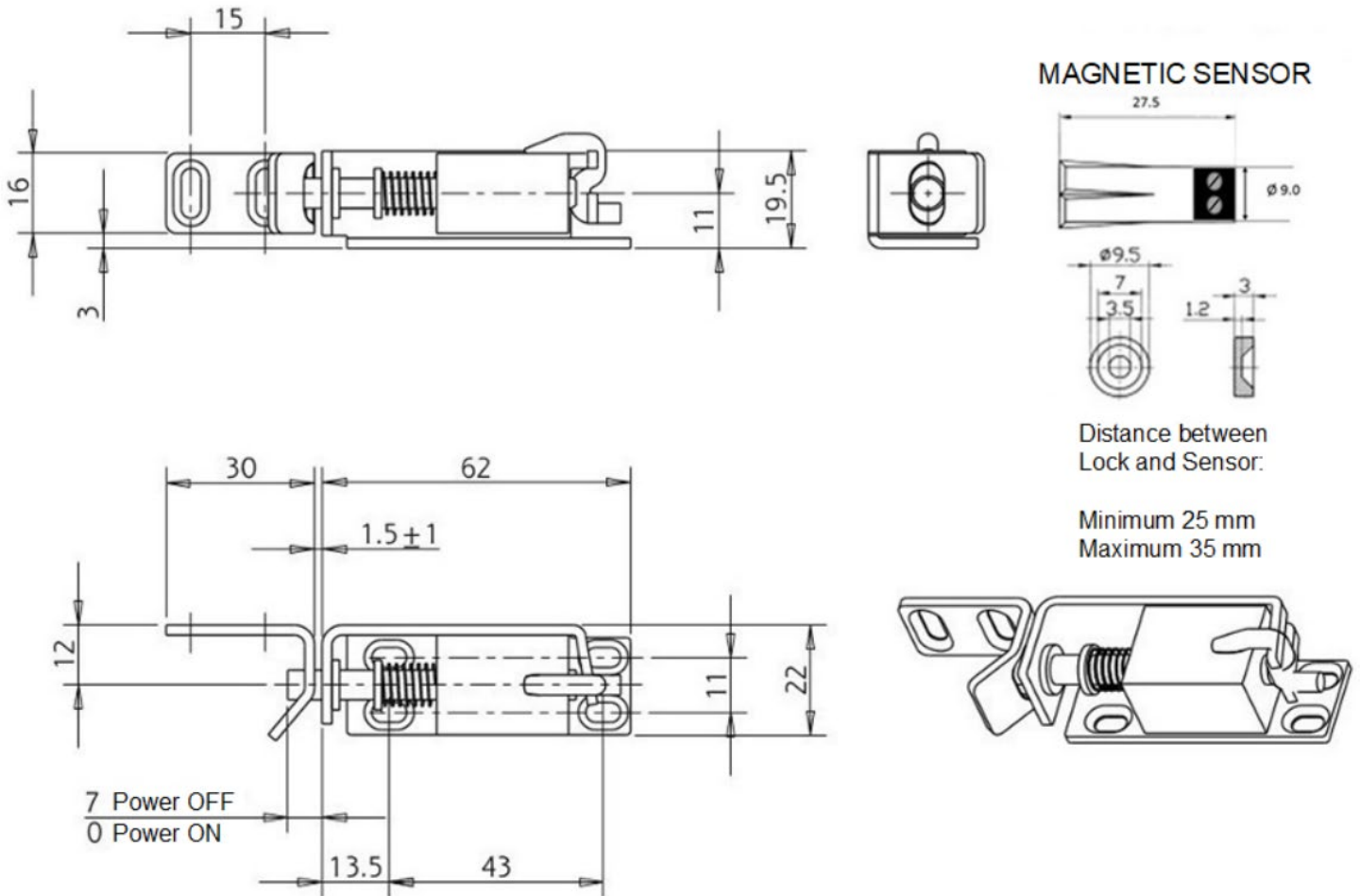
<b>Door Open Sensor</b>	NO
<b>Push-to-Open Capability</b>	YES
<b>Auto-Eject</b>	NO
<b>Mechanical Emergency Opening</b>	NO
<b>Permanent ON Capability</b>	YES

\* 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!

## Dimensions



### 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.**

CHECK YOUR INSTALLATION AGAINST MANIPULATION WITH FLAT TOOLS FROM OUTSIDE! LOCK BOLT MUST BE PROTECTED BY A DOOR FOLD!

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

In case a customized bracket is used, the secure locking function **MUST** be considered and tested carefully.

Preferred mounting position: horizontal!

Test lock function on a prototype before going into production!

## Examples and Recommendations

**Electric Lock  
MMV1001**

### Examples and Recommendations

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

**Mounting Examples**

**Door Open Sensor**

**General Angle Plate Design**

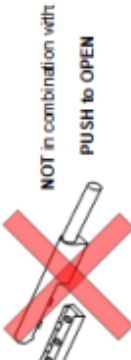
**Closing Principal**

Version: 1.5  
Date: 12.07.2018  
Author: kc


## Examples and Recommendations

**Electric Lock  
MMV1001**

**1** Application only together with:

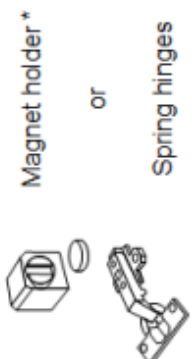


NOT in combination with  
**PUSH to OPEN**




NO preload on doors –  
unlocked doors must stay  
closed!

**2** Lock Installation Example




Magnet holder\*  
or  
Spring hinges




Magnet\*  
Open Sensor\*

**3** Installation of Angle Plate:



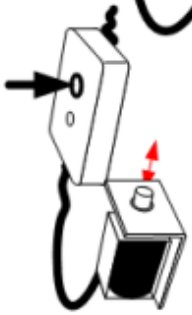
Do NOT close door!

**4** Connect lock to test unit




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**5** Push button:




Check Lock activation!

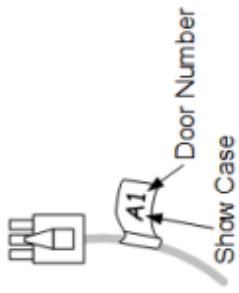
**6** Close door only if lock activation was OK:



Check Door Sensor!\*




**7** Label cable according to plan:



Door Number  
Show Case

**8** Check free opening And closing:



Adjust Angle  
Plate Position  
Adjust Hinges!

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\* applicable to Level 1 Locks only