MEMO
AIR2 - LINE

ELECTRIC FURNITURE LOCK
MAGNETIC DOOR SENSOR

This lock type combines compact design with high resistance against break in attempts. External magnetic door sensor, manipulation proofed, is included**. Lock latch are not included** and can be customized for size, shape and material according to project requirements. A very compact lock for versatile mounting positions.

Article number:
MI-MMV1-0923-AIR

Technical Data

Compressive Tensile Strength	1000 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)	47 x 22 x 20 (mm)
Door Latch Dimensions (LxWxH)	N.A.

Functions

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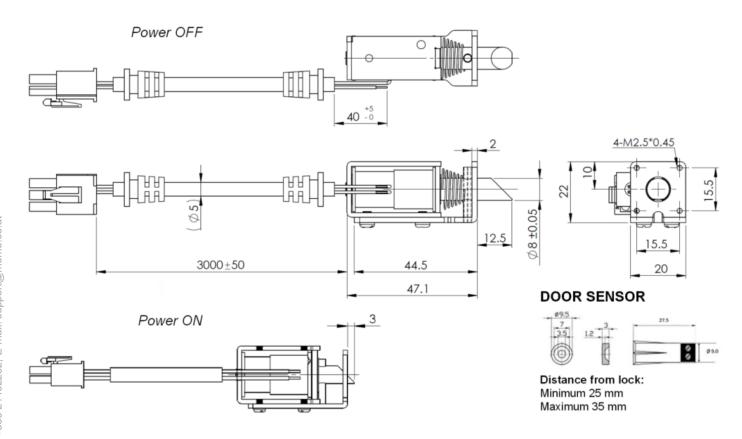
Lock Installation MUST be tested while assembly before the door/drawer is closed the first time - to avoid blocking access into a cabinet!

Dimensions

Power OFF

Power ON

DOOR SENSOR

Distance from lock:
Minimum 25 mm
Maximum 35 mm

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!

Mounting latch and locking latch NOT INCLUDED.

Preferred mounting position: horizontal!

Recommended Distance between lock and sensor: 35 mm

Test lock function on a prototype before going into production!

Electric Lock MMV0923

1 Application only together with:
Magnet holder *
or
Spring hinges

NOT in combination with **PUSH to OPEN**

NO preload on doors — unlocked doors must stay closed!

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

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