

2002 AIR2 MOTOR LOCK MECHANICAL DOOR SENSOR

This lock type combines flat and compact design with high resistance against break in attempts. Built-In mechanical door sensor. Wide adjustment range makes the lock tolerant for misalignment of doors and drawers in all directions. A mechanical holding spring keeps the lock latch in position and can replace a magnetic holder. Comes with a Slim Latch for use in furniture with space limitations. The housing is easy to fix and extremely durable - a maintenance free lock with biggest possible adjustment range.



Article number:
MI-MMV1-1051-AIR

Technical Data

Compressive Tensile Strength	250 Kg *
Cable Length	3 m
Connector	6 pin Molex Nano-fit Socket
Bolt	Steel Bolt 10 mm
Operating Voltage	12 V DC
Locking Cycles	50 000
Current Consumption	100 mA
Power Supply requirement for 8 locks	25 W
Temperature Range	0 °C to 50 °C
Dimensions (LxWxH)	70 x 56 x 15 (mm)
Door Latch Dimensions (LxWxH)	41,5 x 26,5 x 15 (mm)

Functions

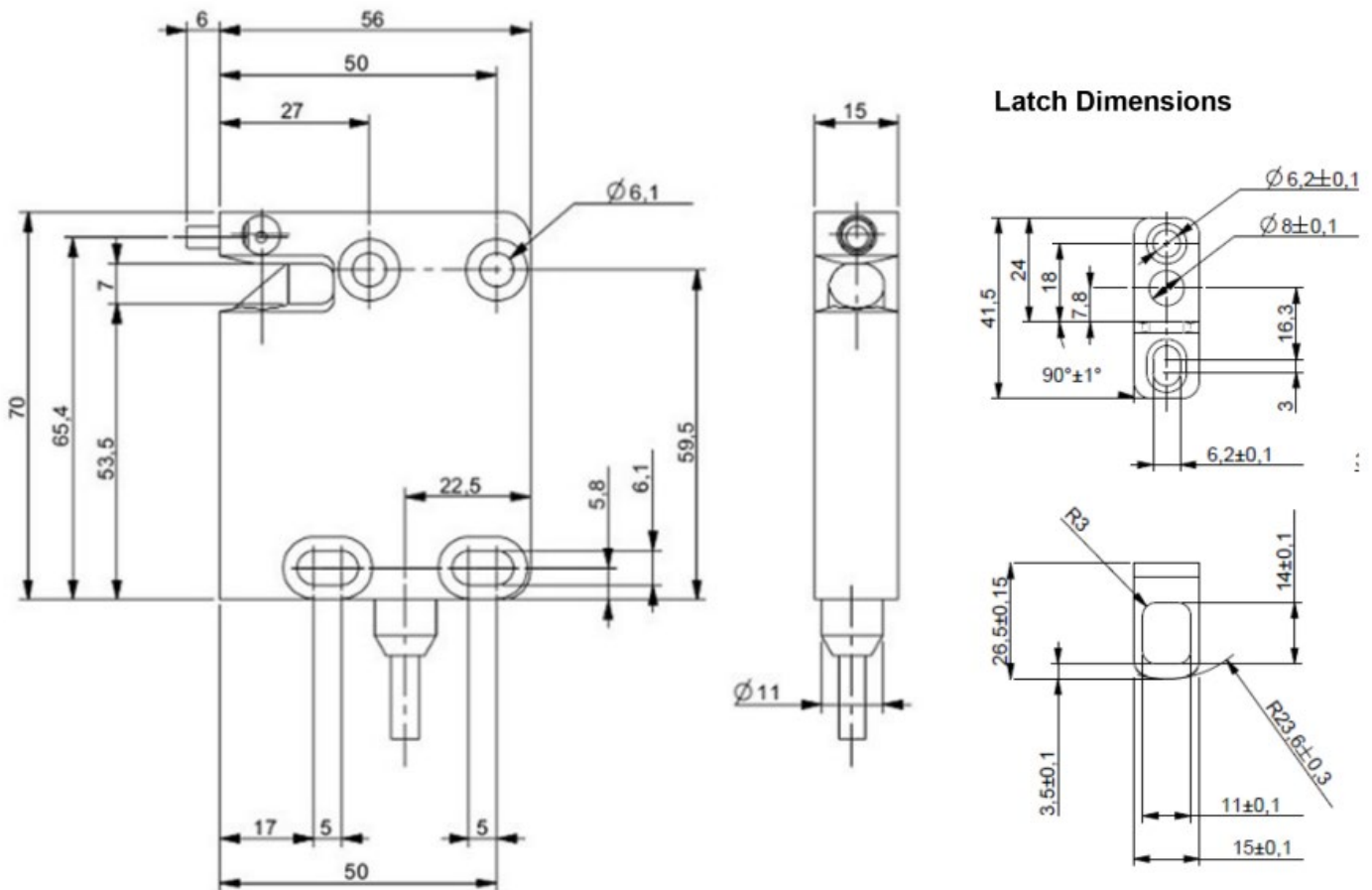
Door Open Sensor	YES
Push-to-Open Capability	YES
Auto-Eject	NO
Mechanical Emergency Opening	NO
Permanent ON Capability	YES

* 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!

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.

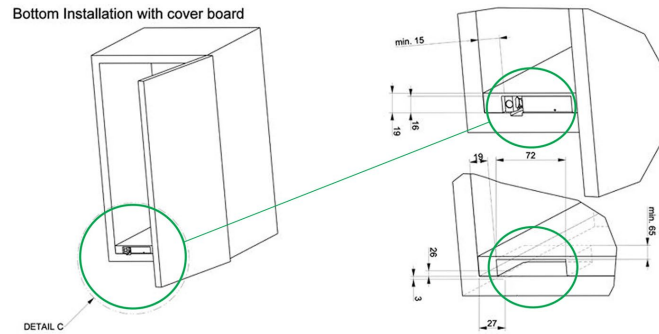
NO opening tension on doors and drawers!

HOLDING SPRING provides a holding force to the door to prevent self opening while the lock is activated - this function DOES NOT replace a proper door adjustment, tension on the door MUST be avoided at any time!

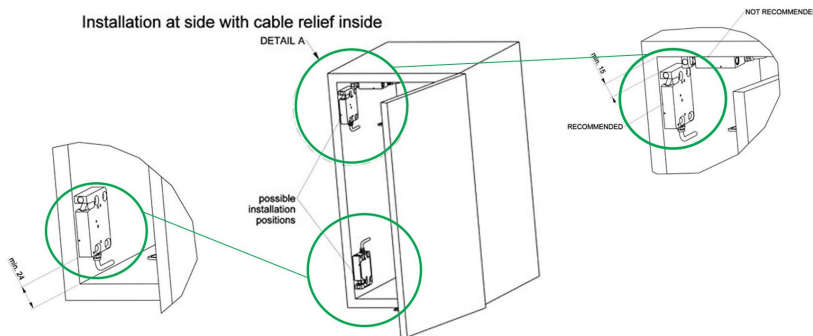
Test lock function on a prototype before going into production!

Installation

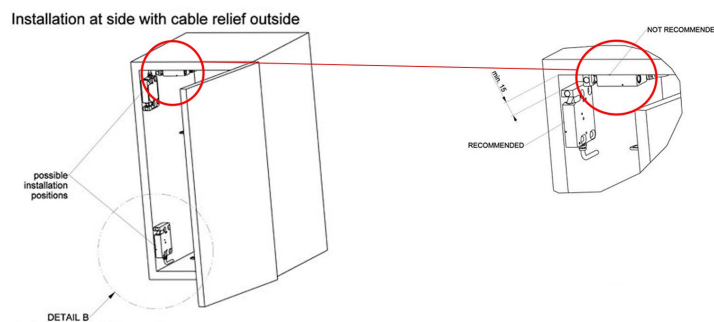
Best Locking Position- Bottom



Best Locking Position- Side

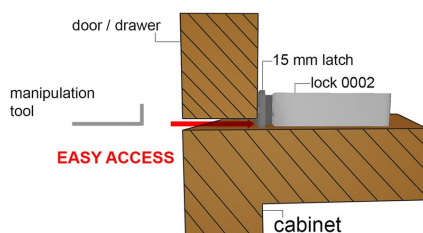


Incorrect Locking Position- Top



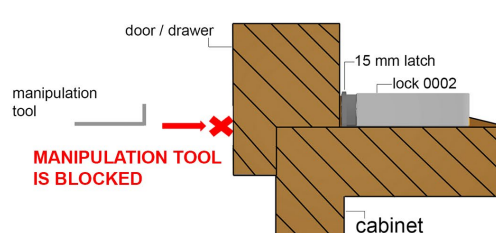
Not Recommended

WITHOUT DOOR RABET

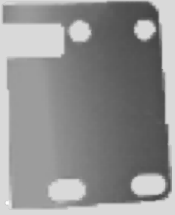



Recommended

WITH DOOR RABET



Lock Accessories

Photo	Article Number	Name	Description
	MI-SHM1-0002-10	Shims	Shims made of anodized aluminium used to facilitate installation of 0002 locks.
	MP-SHM1-0002-15	Shims for latch	Shims made of anodized aluminium used to facilitate the installation of Standard Latch or Slim Latch.