

## ELECTRIC AUTO-OPEN-CLOSE MODULE

to increase efficiency through electric hood actuation



### Discover the innovative MMI-AOC-E module - an electric automatic opening/closing system

An electric servo drive for automated opening, closing and contacting of your mechanical test fixture. Specifically designed to optimize your workflows and increase your productivity, it supports both manual and fully automated testing and offers an easy addition to your new test fixture or a retrofit option for later adjustments as volumes increase. Independent, round-the-clock testing by robots also helps to increase efficiency.



### Increased productivity and flexibility

A sophisticated module including control and software for your test processes

- ✓ As standard for selected test fixtures in the MMI series
- ✓ Powerful 24 V servo motor
  - 1 motor for max. 1 kg hood removal weight
  - 2 motors for > 1 kg hood removal weight or from fixture size MMI-C
- ✓ Tested for up to 1 million strokes with uniform needle distribution (800 N) and symmetrical fixture removal
- ✓ Unrestricted robot operation thanks to a 90° opening angle
- ✓ Increased productivity thanks to automatic hood opening and closing at the end of the test
- ✓ Efficient test execution by robots, without taking over the hood actuation
- ✓ Simple retrofitting for subsequent adjustments as production volumes increase
- ✓ Individual adjustment of paths, speeds and forces using controller software
- ✓ High-quality material selection for a long service life: All parts made of aluminum
- ✓ Included control electronics for communication via RS232
- ✓ Easy changeover to manual operation without any disassembl

### Automate your inspection processes easily and flexibly

For the automation of existing or new mechanical test adapters

#### Auto-Open

- The operator inserts the assembly into the test fixture and closes the hood manually
- The adapter opens the hood automatically at the end of the test
- The operator removes the assembly and starts the process from the beginning by closing it manually

#### Auto-open/close in the secured area

- Automatic process including insertion and removal of the assembly via automatic feed
- Use in a cordoned-off area in cooperation with a robot

### Spare parts and maintenance recommendation

We recommend that gas struts and wearing parts are checked regularly to ensure long-term use under optimum conditions.



You can find more information about us and our products on our homepage!

### General data

Produkt:	MMI-AOC-E
Product family:	Automation
Product category:	Autom. opening/closing
Product type:	Value-added component
Retrofittable:	Yes

### Technical data

Voltage:	24 V
Pressure force:	800 N (1 Motor)
Opening angle:	90° degrees
CE-marking:	Yes
ROHs-Conformity:	Yes

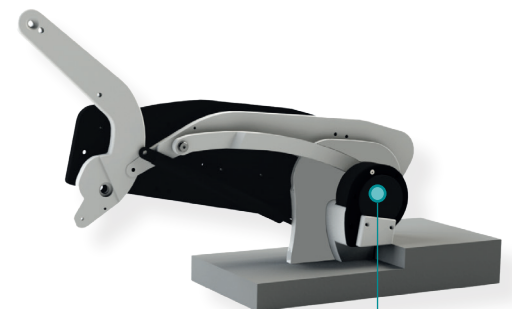
### Compatibility

Standalone:	MMI-Series
Interchangeable systems:	MMI-Series

#### Important note:

When removing the adapter, ensure that the needles are evenly distributed and arranged symmetrically.

Self-assembly is at your own risk. We accept no liability for damage caused by improper installation or failure to follow the instructions.



#### Powerful motor

- ✓ 24 V voltage
- ✓ Simple design
- ✓ Compact construction