

MOVING SMART

# Window Lifter

**We open new worlds**

Electrically operated window lifter have been standard in modern new cars for many years. The functionality of the systems is no longer limited to simply raising and lowering the windows.



## INNOVATION FROM TRADITION

### Safety meets comfort

In addition to the safety aspect - car windows should be firmly closed and not injure anyone when closed - comfort functions play a particularly important role today. As a company with almost 100 years of history and around 90 years of experience as an automotive supplier that is constantly adapting to changing requirements, we offer the automotive industry smart window technology in the commercial vehicle and premium segment.

### The facts:

- /// low volume
- /// low weight
- /// few components
- /// Smooth run
- /// almost noiseless

THE BEST INNOVATIONS ARE THE ONES YOU DON'T NOTICE.

## PWM - the noiseless door

In addition to the classic version, our window lifters can also be controlled via pulse width modulation (PWM). The effective voltage and therefore the motor speed is regulated continuously, which means that the windows move completely smoothly and therefore almost silently. In addition, the impact noise is eliminated by starting and braking ramps in order to minimize all other disturbing noises. The high standards of safety and comfort naturally remain unaffected.

### MAXIMUM EASE OF USE

## Moving development

Whether a robust construction site vehicle or a luxurious premium limousine - the functionalities offered by our actuators and drives are as varied as the vehicles in which our window technology is installed. This enables us to meet even the highest customer demands.

- ✓ Single-rail and double-rail cable sockets
- ✓ Track-controlled lifters
- ✓ Compact lifter
- ✓ Optional anti-trap protection
- ✓ Predefined opening levels
- ✓ Standardized controller for various LIN actuators
- ✓ Spatial separation of electronics and gearbox
- ✓ High flexibility of the rope lead-offs
- ✓ Motor control via PWM
- ✓ 100% use of SMD components

### INDIVIDUAL SOLUTIONS

## Made for you

Whether drives with or without sensors, classic doors or frameless variants: we adapt to your individual requirements. This is because we develop and manufacture new lifting systems in-house. This means we are particularly flexible and can react quickly to your wishes - and implement them reliably.

**Curious? Our experts are happy to advise you!**