

MOVING SMART

Column Switch & Column Shifter

We get everything under control

Just 30 years ago, the gearshift levers on either side of the steering wheel were simply constricted and only had a few functions such as high beams, indicators and windshield wipers. Today, they are multifunctional tools and, alongside the steering wheel and pedals, the most important interface between the driver and his car.



ONE TOUCH IS ALL IT TAKES

Functionality meets comfort

When developing its steering column levers and switches, KÜSTER attaches great importance to good, haptic feedback, optimum acoustics and, of course, high functionality with intuitive operability. This means that, in addition to the classic functions that you would expect to find on steering column controls today, additional comfort and safety assistants can also be easily operated.

The facts:

- /// Turn signals, high beam, windshield wipers
- /// Gear-Shifter
- /// Steering angle sensor
- /// Cruise control and distance assistant
- /// Interior light

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REAL COMFORT IS A MATTER OF GUT INSTINCT

Intuitive operability

Especially when driving a car, where the driver performs many operations unconsciously, the haptically perfect movement of levers and switches and the ability to operate them intuitively is by far the most important criterion. This also and especially applies to steering column levers and switches: only if you hardly notice them and they follow the movement of your finger almost unnoticed do they fulfill their purpose and ensure a pleasant driving experience. That's why our steering wheel gears are equipped with innovative sensor technology, are easy to move and at the same time provide the driver with optimal haptic feedback.

SENSITIVE TECHNOLOGY

As simple as possible

To ensure that the vehicle can be operated as conveniently as possible via the steering wheel levers and switches, we rely, among other things, on the use of 3D Hall sensors. In contrast to simple Hall sensors, which only measure "in one direction", lateral and vertical Hall elements will be placed on a chip, enabling non-contact, three-dimensional motion measurements – reliably and precisely. The measurement results are transmitted via a corresponding interface, so that a "tap of a finger" is enough to trigger the corresponding function.

- ✓ Intuitive operation
- ✓ Appealing haptics
- ✓ Optimized acoustics
- ✓ Absolute steering angle sensor
- ✓ High Functional Safety Classification
- ✓ Available as pure sensor interface
- ✓ Optionally also as CAN control unit
- ✓ Individual functions are possible

DECADES OF EXPERIENCE

Excellent technology

You can rely on our experience not only with the handlebar levers, but also with the shifters. As a specialist in gear shift solutions, Küster stands for reliable technology that not only meets, but exceeds, national and international standards. This is evidenced, among other things, by the highest Functional Safety classification.

Curious? Our experts are happy to advise you!