

## **Mayser, the specialist for high-end bus components**

### ***New developments and optimisations for a safe entry and exit at Busworld 2017***

***Lindenberg/Ulm, 26 July 2017 – At the world's largest trade show for service buses and coaches, which is held in Kortrijk Belgium, Mayser is exhibiting as specialist for greater safety on booth R23A. Thanks to more than 30 years of experience with safety systems, Mayser has taken a leading role in protecting against hazard sources in the public transport sector. Fire retardant sensors and cables, as well as the proven Non-Touch Detection System will be presented at Busworld.***

Persons with limited mobility particularly rely on public transport. The fast cycle times of buses make the entry and exit area a central danger zone. Moreover, in the case of articulated buses, visibility is not always ensured for the driver. Pressure-sensitive door protection systems that react to the touch of persons or objects, do indeed prevent people from being clamped in and dragged along, however they do not offer full protection against impact or the danger of a fall on the bus platform.

### **A non-touch door protection system reduces the number of accidents**

The Non-Touch Detection System from Mayser functions without physical contact. Capacitive sensors are integrated in the finger protection profiles with soft closing edges. If a person approaches the active zone of the sensor, its electrical field changes. Through a signal to the door control system the person is detected before contact occurs and the movement of the door is stopped. The system only detects conductive objects in the direct danger zone, it cannot be manipulated, the sensor is electromagnetically compatible and not failure-prone relative to environmental influences like snow, rain or blown-in leaves.

It is suitable for different types of doors, from the interior swing door to the sliding swing door. Reference vehicles have already been successfully equipped with the system, which can be retrofitted with minimal installation effort.

### **Fire retardant and standardised sensors for greater safety**

More and more, the topic of fire resistance for greater passenger safety is moving to the centre of public focus. RoadFR, the fire retardant sensors and cables from Mayser, even without rubber profile, meet the requirements stipulated in the standard ECE 118 and thus qualify for the highest fire safety level (HL3) rating.

*Characters: 2,403*

#### **Mayser**

Mayser is an international Company Group currently operating at five locations in Europe and the USA. The company develops and produces high-quality products, systems and solutions in the areas safety technology, foam technology and moulding as well as headwear. The origin of the company goes all the way back to the year 1800, where everything started with the hat. With an average annual increase in turnover of 16 % between 2014 and 2016, today Mayser has an excellent reputation in safety and foam technology in many industries, including automotive, mechanical engineering or local public transport.

### **Image material:**

#### **Image 1**

### **Non-Touch Detection System**

The Non-Touch Detection system is an obstacle detection system on bus doors that works with capacitive sensors.

# MAYSER®

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