

## **Solution for preventing accidents and increasing cycle times**

### **Mayser presents non-touch detection system for bus and train doors at the APTA EXPO in Florida**

***Belleville, 26 Oct. 2021 – As specialist for innovative safety technology in public transport, Mayser is presenting a non-touch detection system for bus and train doors at the APTA EXPO from 8-10 Nov. 2021 in Orlando. The capacitive sensors significantly reduce the risk of accidents and shorten passenger changing times at the stops or stations.***

Mayser has long been a leading global supplier of solutions for entry and exit area protection in public transport. The company's products are installed in vehicles around the world. Tactile and capacitive safety edges prevent dangerous movements on automatic doors. They provide obstacle detection and collision protection as well as drag detection. Safety steps with extension protection bridge gaps between vehicles and platforms.

#### **Non-touch protection**

Mayser is presenting its non-touch detection system at the APTA EXPO in Florida. The system uses capacitive sensors installed in finger protection profiles and closing edges of doors. If a passenger or object is in the immediate danger zone, the sensor predictively detects a possible contact between the passenger/object and the door, and immediately stops the motion of the door. This can prevent dangerous collisions and accidents. The non-touch system is a useful complement to the tactile sensors because it prevents collisions with passengers and resulting accidents. This is how the system also helps keep cycle times stable.

Another advantage of the non-touch detection system is that it only reacts to conductive objects in the direct danger zone. Environmental influences such as snow, rain or leaves do not trigger false detections which would lead to

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delays in the cycle times. The capacitive system can be individually adjusted to different door types and also retrofitted with minimum assembly effort.

Safety sensors from Mayser used for bus and train door protection contribute significantly to compliance with the required safety standards as well as to increased passenger comfort.

#### About Mayser

Mayser GmbH & Co. KG is an international group of companies that develops, produces and markets high-quality products and solutions in the areas of Safety Technology, Foam Technology and Moulding. Mayser products are used primarily in the automotive industry, mechanical engineering, and in public transport. The portfolio also includes fashionable headwear, which the company has been manufacturing since it was founded in the year 1800. Worldwide, Mayser has about 720 employees at the headquarters in Lindenberg and the neighbouring location in Ulm (both in Germany), as well as France, Slovakia, and the USA. Turnover in the Mayser Group for the year 2020 totalled about 72 million euros.

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## Image material with captions:



*The Mayser non-touch detection system*



*Danger averted: Drag-along detection from Mayser detects small objects such as backpack straps*