

New ultrasonic sensor protects people and objects

The ultrasonic sensor family from Mayser USA Inc. protects people from injuries and objects from damage in an automated world.

Belleville, MI, October XX. 2018 - At FabTech 2018 in Atlanta, Mayser USA will present itself as a leading specialist in the field of non-contact detection for the protection of persons and objects. The focus at FabTech will be on the revolutionary technology of Mayser ultrasonic sensors.

Growing automation, industry 4.0, human-robot collaboration, automatic guided vehicle systems: In high-tech industry, it is of the utmost importance to protect people from injuries and objects from damage. Mayser USA has set itself the task of providing comprehensive protection for dangerous areas. In addition to tactile sensor and rubber profiles with switching elements and safety steps, Mayser USA focuses on capacitively functioning systems and is presenting its USi ultrasonic sensors for the first time in the USA this year. These sensors are used for non-contact detection of persons and objects as well as for automated distance measurement.

Certified Security

Mayser USA offers different versions of its ultrasonic sensors depending on the application: Ultrasonic safety is the only certified sensor worldwide for personal protection. With its certification according to ISO 13849-1, category 3 PL d, it achieves the highest safety level. The USi ultrasonic industrial sensor is used for object protection. It detects in an elliptical sound field up to a distance of 2.50 meters practically without a blind zone. This enables operation in

a wide variety of areas and industries. It is also used for non-contact distance measurement.

Reliable and robust

Both ultrasonic sensors can be used very flexibly. Thus it is possible to position two transducers freely and independently of the electronics. Objects are reliably detected independent of material, colour and shape. Mayser USi ultrasonic sensors are also insensitive to dirt, extraneous sound, air flow and humidity and are therefore perfectly suited for use in environmental monitoring, collision protection and access control.

Mayser ultrasonic sensor technology enjoys an excellent reputation in Europe for quality and reliability. Above all in industries characterised by rapid technological growth and high dynamics, customers can benefit from Mayser products for the protection of people and objects.

Mayser at FabTech in Atlanta, GA: November 06 – 08, 2018, Hall A,
Booth 2625, Georgia World Congress Center

For more information click www.mayser.com

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Mayser

Mayser is an internationally active group of companies with six locations in the USA, Europe and Asia. Mayser employs around 1000 people worldwide, 150 of them in the USA. The North American site in Belleville, MI, was founded in 2008.

The company develops and produces innovative high-quality products, systems and solutions in the fields of safety technology, foam technology & moulded parts as well as headwear. The company's origins date back to 1800, when everything began with the hat. Today, Mayser enjoys a high reputation in safety and foam technology with an average annual sales increase of 16% between 2014 and 2016 in many industries - e.g. automotive industry, mechanical engineering or public transport.

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Images



Specially designed for industrial requirements: The Mayser sensor profiles



Reliable, flexible, robust: The USi ultrasonic sensor from Mayser