

New Products

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Now also Available as an Analog Version: Portfolio Expansion of U1KT Miniature Ultrasonic Sensors

The U1KT ultrasonic sensors in miniature design are characterized by their extremely compact size and low weight, making them the ideal choice for applications in very confined spaces. They can be used in both reflex and through-beam mode. These ultrasonic distance sensors from the wenglor sensoric group are perfect for installation in narrow close-range situations due to their small format and minimal blind spot. The soundpipe attachment as an accessory can also be used to reduce the sonic cone for precise sound guidance. This enables you to precisely measure and detect small openings and boreholes as well as reliably detect fill levels in small containers. The miniature sensors from the extended ultrasonic portfolio are therefore optimally suited for the reliable detection of transparent, glossy and dark objects, as well as reflective surfaces and a wide range of materials.

The Highlights at a Glance:

- 1K miniature design (32 × 16 × 12 mm) for tight spaces
- Reflex, through-beam and synchronous mode possible
- Available with voltage and switching output
- Minimal blind spot
- Suitable for use in temperature ranges from –30 to +60 °C
- Resistant to dust and liquids thanks to IP68
- Narrowing of the sonic cone possible with Z1KG001 soundpipe
- IO-Link 1.1

Approximately 1.300 characters

Text: wenglor Public Relations Office; Image note: wenglor

Captions

Large variety of functions and applications, even in close proximity situations, with the miniature ultrasonic sensors from the wenglor sensoric group.

About the wenglor sensoric group

The wenglor sensoric group develops innovative sensors, safety systems and machine vision products with intelligent interfaces and software for industry all over the world. Founded in 1983, wenglor is one of the world's key high-tech providers for the automated industry. The solutions of the wenglor sensoric group enable the trends of Industry 4.0 as well as the Internet of Things, 3D technologies, robotics and artificial intelligence (AI). In doing so, they conserve resources and increase the quality and safety of the manufactured products. The second-generation owner-managed family business is represented worldwide with 28 subsidiaries in 53 countries. In addition to the company headquarters in Tett nang, the group of companies with over 1,100 employees also develops and produces its multi-patented products in Munich, Berlin, Sibiu (Romania), Perth (Scotland), La Chevrolière (France) and Belgrade (Serbia).