

New Products

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Now Also with Pigtail Connection: Expansion of the Portfolio of Inductive Sensors with Increased Switching Distances in Miniature Format

Hardly larger than a pin head, the previously eight inductive sensors in the miniature housing of the wenglor sensoric group are regarded as the ideal sensor solution for detecting metal objects in tight installation situations. The sensors in the compact D3 and M4 housing have a size of only 22 millimeters and detect metal objects in applications with limited installation space. The stainless steel housing 316L, the high IP67 degree of protection and a high temperature resistance in the range of -25 °C to $+70\text{ °C}$ make the sensors robust and durable. Increased switching distances of up to 1 mm ensure high performance. The optional PNP/NPN and NO/NC variants enable simple integration into existing systems. The eight sensors with PUR cable connection that have been available to date are each complemented by a variant with pigtail cable and the range of applications is hereby expanded with a total of 16 inductive sensors in miniature housings.

The Highlights at a Glance:

- Small sizes D3 and M4 (both with a housing length of 22 mm)
- Switching distances up to 1 mm
- Robust housing in stainless steel 316L
- Pigtail connector M8x1, 3-pin 200 mm PUR
- Outstanding protection: IP 67
- Large temperature range -25 °C to $+70\text{ °C}$
- High switching frequency of 3,000 Hz
- PNP/NPN or NO/NC variants available

Approximately 1,300 characters

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Captions

Inductive sensors in miniature housings from wenglor sensoric group – the sensor solution for tight applications now also with pigtail connection.

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 Tettang, 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).