

# Sick AG

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**Sick AG** (stylized in all capital letters), based in [Waldkirch](#) (Breisgau), [Germany](#), is a global manufacturer of [sensors](#) and sensor solutions for industrial applications. The company is active in the areas of [factory](#) and [logistics automation](#) and [process automation](#). The company employs 11,909 employees worldwide and achieved sales of EUR 2.2 billion in 2022.<sup>[1]</sup>

The company is particularly well known for its [laser scanners](#), which are used as sensors in the fields of facility protection (security), ports and robotics.

Five [LIDARs](#) produced by the Sick AG were used for short-range detection on [Stanley](#), the [autonomous car](#) that won the 2005 [DARPA Grand Challenge](#); they can be seen on the roof of the vehicle. SICK/IBEO LIDARs were also used for obstacle avoidance, mapping and pedestrian tracking on [WAMbot](#), the autonomous vehicle that came 4th in the [MAGIC 2010 competition](#). SICK AG has ranked among Germany's best employers for several years.

## History[\[edit\]](#)

Sick AG was founded in 1946 by [Erwin Sick](#) (1909–1988); he had received a license from the [then US-managed local government](#) to operate his engineering firm.

The economic breakthrough came in 1952 with the volume production of the accident-prevention light curtain, presented at the International Machine-Tool Trade Fair in [Hanover](#). In 1956, the company moved

from [Vaterstetten](#) to [Waldkirch](#) (Breisgau). Sick AG has a global presence with almost 50 subsidiaries and participations as well as numerous sales agencies. According to the company's own statements, it invests about 11.8% of its sales revenue in research and development each year.

## Products<sup>[edit]</sup>

The company's product portfolio includes photoelectric sensors, light grids, inductive, capacitive and magnetic sensors, opto-electronic protective devices, vision sensors, detection, ranging and identification solutions such as bar code scanners and [RFID](#) readers, analyzers for gas and liquid analysis as well as gas flow measuring devices.

## References<sup>[edit]</sup>



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- <sup>↑</sup> "[Key Figures](#)". *www.sick.com*. 2022-04-27. Retrieved 2022-04-27.

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