# Switch now with ease

IQG proximity sensors from SICK

Waldkirch, March 2016 – SICK’s new family of IQG inductive proximity sensors in a 40x40 construction size are easy to switch and can be installed in a matter of seconds. The designs allow for flexible adjustment and easy monitoring. The patented stable push-lock system is quick, reliable, and unique. It allows for tool-free mounting and offers a high level of safety by eliminating the possibility of unintentional unlocking.

The IQG family is also extremely flexible, available in both a short variant for use in factory automation and a long variant for outdoor applications. It guarantees a high system throughput and fault-free processes in the automotive industry. The sensors also rise to the challenges posed by modern material flow systems with ease and guarantee a high level of efficiency, flexibility and reliability.

Thanks to the sensor head which can be rotated in five different directions, the IQG family can be adapted to suit a whole range of applications. The four corner LEDs enable straightforward sensor status monitoring, whatever the mounting position.

With state-of-the-art ASIC technology, the IQG proximity sensor family features an extensive ambient temperature range, excellent resistance to shocks and vibrations, plus electromagnetic compatibility. Thanks to the large sensing ranges, processes can remain extremely stable. Even in extremely harsh environments with severe weather conditions, the sensor operates reliably at all times. In sun, water, wind, and weather – the IQG inductive proximity sensor showcases its strengths wherever it is used.

Picture: IM0061570.jpg / IM0062479.jpg  
The IQG proximity sensor by SICK: compact and quick to install

SICK is one of the world’s leading manufacturers of sensors and sensor solutions for industrial applications. Founded in 1946 by Dr. Erwin Sick, the company is headquartered in the German town of Waldkirch, in the Breisgau region near the city of Freiburg. It is a technology and market leader, maintaining a global presence with more than 50 subsidiaries and equity investments as well as numerous agencies. In the 2014 fiscal year, SICK had around 7,000 employees worldwide and generated Group revenues of €1,099.8 million.