# New sensor family for C-slots

MZCG magnetic cylinder sensor

Waldkirch, January 2018 – The MZCG magnetic cylinder sensor from SICK is designed for position detection in pneumatic grippers or miniature pneumatic cylinders with C-slots. Due to its universal housing design, the MZCG fits in a wide range of C-slots from the most common manufacturers, which reduces storage costs and allows a more flexible machine design. With this innovation, SICK has created a new sensor family for C-slot cylinders.

The MZCG shows its true might anywhere space is limited. With a housing of only 12.2 mm and a 90° rotated radial cable connection, it is ideal for small drives. The fixing concept makes mounting quick and easy: Simply insert the sensor into the C-slot via drop-in and fasten on the cylinder in no time.

The short switching point of the MZCG magnetic cylinder sensor, which has been optimized for gripper applications, enables faster cycle times and improves the efficiency of the processes. The special cable is able to withstand high torsional forces and a large number of rapid direction changes. This is ideal for use in highly dynamic applications such as robotics, handling, mounting, and the electronics industry. The MZCG can also be used on robots and is equipped with a cable that is suitable for drag chain for this purpose.

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The MZCG from SICK is an extremely short cylinder sensor for pneumatic grippers and miniature cylinders.

SICK is one of the world’s leading producers of sensors and sensor solutions for industrial applications. The company, which was founded in 1946 by Dr. Erwin Sick and has its headquarters in Waldkirch im Breisgau near Freiburg in Germany, is among the technology market leaders. With more than 50 subsidiaries and equity investments as well as many agencies, SICK has a presence all over the world. In the 2016 fiscal year, SICK had more than 8,000 employees worldwide and a group revenue of just under EUR 1.4 billion.
Additional information about SICK is available on the Internet at http://www.sick.com or by phone on +49 (0) 7681 202 4183.