# Precise measurement over long distances

OD1000 displacement sensor

Waldkirch, October 2017 – The OD1000 displacement sensor from SICK is a pioneer of future-proof production and the solution when it comes to precise measurement over long distances. With its sensing range of up to 1,000 millimeters, it sets new standards in precise distance measurement with triangulation.

Its high performance data ensures a smooth production process and allows a high level of productivity in a wide range of applications, almost regardless of the surface quality, color, or object structure. The clear OLED display with four operating keys simplifies commissioning and optimizes the machine availability. As a standalone device with integrated evaluation, IO-Link interface, and additional functions, the OD1000 simplifies machine integration and saves additional evaluation effort.

**Consistent, high product quality thanks to precise, optical distance measurement**

Displacement measurement sensors are precise laser measuring sensors with measuring ranges of up to 1,000 millimeters. Providing a high level of measurement accuracy, they are used in particular for checking, sorting, or reviewing objects in quality- or cost-relevant processes. The characteristics measured include dimensions, position, and shape. Working with displacement measurement sensors enables users to improve the quality of their end products by carrying out 100% checks, while also reducing material and downtime costs.

Image:IM0067615.jpg  
The OD1000 displacement sensor is the solution when it comes to precise measurement over long distances.

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.