Press release

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**Displacement and distance sensor with IO-Link interface**

**optoNCDT 1220 laser triangulation sensors from sensor specialist Micro-Epsilon are ideal for displacement and distance measurements. With a miniature light spot size, these small, smart and precise sensors measure displacements and distances even of smallest components. Micro-Epsilon has also equipped the sensors with an interface for IO-Link.**

The optoNCDT 1220 series now has an advanced IO-Link interface. The IO-Link communication standard simplifies data communication and reduces commissioning time of the sensor for industrial production environments.

IO-Link is a fieldbus-independent interface that enables manufacturer-independent, digital and bidirectional point-to-point communication and can be integrated into all common fieldbus and automation systems. Users benefit from low costs, reduced programming effort and fast commissioning time. In addition, troubleshooting can be simplified with consistent diagnostic information right down to sensor level.

optoNCDT 1220 sensors offer an excellent price-performance ratio combined with high measurement accuracy. They are particularly suitable for displacement, distance and position measurements in OEM and series applications in automation technology. In addition, these laser sensors deliver precise measurement results at a measuring rate of up to 2 kHz.

The Active Surface Compensation (ASC) feature enables reliable control of the distance signal regardless of target color or brightness.

Immediately ready to use, the sensor can be easily integrated without having to make any further settings. The optoNCDT 1220 sensors use intelligent surface control: Auto-Target Compensation (ATC) enables stable measurement results, even with changing target colors or brightness.

In addition to automation technology, these optical sensors are used in the packaging industry, wood processing, logistics, medical technology, laser engraving systems and machine building.

approx. 1,900 characters



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