Pressemitteilung

Nr. 594e



Pressemitteilungen

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**Laser sensors raised to a new performance level**

**The laser sensors of the optoNCDT 1420 series are raised to a new performance level. With a doubled measuring rate, 16-bit digital/analog conversion and IP67 protection, they are now the fastest laser sensors in their class. Due to their outstanding performance, the sensors are ideal for series applications in automation and machine building.**

The optoNCDT 1420 laser sensors are small, powerful and fast and have been raised to a new level through targeted optimization. The measuring rates have been doubled to up to 8 kHz, making them the fastest sensors in their class. The new models offer maximum performance in any environment and are characterized by a temperature stability of ±0.015 % d.M. / K and an ambient light resistance of up to 50,000 lux. A high-performance D/A converter enables 16 bit resolution at the analog output.

The new laser sensors can be used for a wide range of applications. They measure on almost all surfaces and work with intelligent exposure control, which quickly and reliably compensates for light-dark and matt-gloss changes. Thanks to the small light spot, even the finest of details can be detected with high precision. Its robust aluminum housing with IP67 protects the sensor from external influences and ensures vibration resistance. The sensors are also equipped with an integrated controller and cables suitable for drag chains. They are also lightweight and compact.

Handling is easy for beginners and experts alike. The options range from analog to digital, from plug & play solutions to web interfaces and ASCII programming commands.

The optoNCDT 1420 laser sensors are used for precise displacement and distance measurements at measuring ranges from 10 mm to 500 mm.

ca. 1.800 Zeichen inkl. Leerzeichen



(optoNCDT1x20\_Performance\_18x13.jpg)