Press release

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**Compact confocal controller for industrial series applications**

**The compact confocalDT IFD2411 measuring system combines most compact design and highest performance with integrated Industrial Ethernet. It offers maximum application flexibility for industrial measurement tasks - both for distance and thickness measurements of transparent objects. Thanks to the integrated Industrial Ethernet interface, you integrate the full sensor performance directly into the PLC. This opens up numerous possible applications, including in machine building as well as in glass and smartphone production.**

The new, compact confocalDT IFD2411 system is optimized for industrial series applications. It is supplied as a complete channel and is factory-calibrated to sensors with measuring ranges, 1, 2, 3 and 6 mm. The controller can be easily integrated into the control cabinet via integrated DIN rail mounting.

With a measuring rate of up to 8 kHz and a submicrometer resolution of up to 12 nm, the IFD2411 offers maximum application versatility for distance and thickness measurements, e.g., in machine building as well as in glass and smartphone production. The built-in Industrial Ethernet interface integrates the powerful sensor system directly into the PLC.

approx. 1,200 characters including spaces

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