



Press release

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Area: Fluid sensors

Subject: Intelligent temperature sensors with IO-Link

The tried-and-tested temperature sensors of the TR and TN series are now available with IO-Link. Parameter setting and diagnosis are possible directly via the PLC. IO-Link also enables cyclical transmission of measured values in digital form. Furthermore, the outputs can also be programmed as conventional switching and analogue outputs.

The TR design enables connection of separate Pt100 and Pt1000 sensors in temperature ranges between -40...300 °C. Evaluation is carried out using analogue, switching or IO-Link signals. In combination with cable sensors, probe sensors or special hygienic temperature sensors this allows a wide range of applications.

The compact TN type units with an integrated temperature probe are distinguished by excellent response times, high pressure resistance and adaptive process connections. Analogue, switching and IO-Link signal are generated being freely programmable between -40...150 °C.

Both series have a clearly legible 4-digit alphanumeric display. Parameter setting of the units is possible directly on site by means of two buttons.

A wide range of accessories, adapters and connectors ensures easy and safe integration into the application.

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