









Type	Picture	Measuring range / switching range	Electrical output	Features	Applications
TES		-50...+200°C	Relay with changeover contact	<ul style="list-style-type: none"> • Screw-in PT100 limit switch • Easy on-site switching point setting • Numerous process connections (1/4", 3/8", 1/2", 3/4", 1", 1/4NPT, 3/8NPT, 1/2NPT) 	<p>Limit switch TES for cost-optimized temperature monitoring in industrial applications!</p> <p>The new electrical screw-in temperature switch TES is now available as a switch version for temperature monitoring in industrial applications. The new sensor is equipped with the input signal PT100 in the range -50 °C ... +200 °C and 3-wire technology.</p>
TET		-50...+200°C	1 x 4-20 mA HART (2-wire)	<ul style="list-style-type: none"> • Screw-in PT100 temperature sensor • Very robust sensor • Rotatable sensor head 	<p>Technically equipped with the same parameters as the TES, the TET convinces as a cost-effective transmitter variant for all applications in the entire area of industrial systems, in which equipment with an adjustable display head is not necessary.</p>
TEK		-50...+200°C, higher temperatures on request	2 x 4...20 mA HART (2-wire)	<ul style="list-style-type: none"> • Screw-in thermocouple temperature sensor • Type K thermocouple • 2 electronic switching outputs, programmable • Display: 7 digits, can be mirrored by 180° 	<p>The TEK thermocouple temperature sensor was developed for industrial applications that require an adjustable display button and a temperature display.</p>



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TEF		-50 °C up to +400°C	Radio transceiver	<ul style="list-style-type: none"> • Screw-in PT100 temperature radio sensor • Operating distance up to 100 m • Accuracy: approx. 0.2% of the measuring range • Supply: lithium-ion battery 	The TEF can be used anywhere in the industrial area where the distance between the measuring location and the evaluation has to be bridged by radio. With its remote configuration and evaluation software, the magnetic surface temperature sensor TEF is also suitable for demanding applications.
TEA		-50...+200°C	2 x 4-20 mA HART (2-wire)	<ul style="list-style-type: none"> • Holding magnet PT100 temperature sensor • 2 configurable limit contacts • Display can be mirrored by 180° 	For use in heating, ventilation and air conditioning systems as well as in the entire area of industrial systems. With the configurable limit contacts, the integrated display and the numerous electrical connections, the TEA temperature sensor is also suitable for demanding applications.
TE-IR		-40 °C ... +1000°C	2 x 4-20 mA HART (3-wire)	<ul style="list-style-type: none"> • Screw-in infrared temperature sensor • Non-contact temperature measurement 	<p>New screw-in infrared temperature sensor TE-IR with display for non-contact temperature measurement!</p> <p>In many industrial manufacturing processes, safe temperature monitoring is only possible without contact due to high temperature development, harsh environmental conditions or measuring objects that are difficult to access or move.</p> <p>The new infrared temperature sensor TE-IR of the TE series guarantees optimal non-contact process monitoring through fast and precise temperature control using the infrared method.</p>