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TECHNOLOGY GROUP

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SITRANS TS500



The SITRANS TS500 is an industry temperature sensor that supports a a large number of measuring tasks ranging frombasic applications to solutions in harsh environments. This is made possible by the modular design, allowing to customize the sensor according to individual needs.

Industry Mall

Select and order

Benefits

- Exchangeable during operation
- Wide application range due modular design
- Explosions protection according ATEX and IEC EX intrinsic safety, flameproof and non-sparking
- With optional local indicator

Detail

Output	direct sensor signal 4...20 mA (TH100/TH200) HART (TH300) PA (TH400) FF (TH400)
Max. operation temperature* - measuring point:	Pt 100 Basic: –50 ... +400 °C (-58 ... +752 °F) Pt 100 Extended: –196 ... +600 °C (-321 ... +1 112 °F) Thermocouple: -40 .. .+1100 °C (-40 ... +1 832 °F) (Depending on type of TC)
- connection head:	-40 ... +100 °C (+85 °C with transmitter)
Ingress protection	IP54-68, depending on the type of connection head and cable gland
Approvals	ATEX, IECEx, Basis FM, Basis CSA, cCSAus, NEPSI, EAC, Det Norske Veritas Germanischer Lloyd (DNV GL), Bureau Veritas (BV), Lloyd's Register of Shipping, American Bureau of Shipping (ABS)

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Controlling your process every step of the way with SITRANS T

The most widely used measurement in many diverse industries, accurate and reliable temperature monitoring is critical to your processes. Take advantage of Siemens wide range of devices for temperature measurement and you will find both significant savings and improvements to your operations.

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