HySense® T Temperature sensors

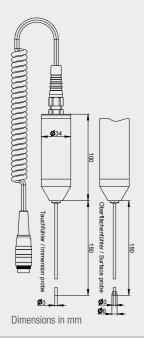
HySense® T family

With the **HySense® T** family, Hydrotechnik offers high-quality sensors for temperature measurements in liquids, gases, and solids. The products in this family are based on a modular system, meaning that custom solutions can be implemented quickly and easily. In fact, decades of experience have resulted in Hydrotechnik having a patented solution for temporary temperature measurements in closed systems. A MINIMESS® p/T test point can be used to install temperature sensors in a system under pressure without any leaks.

HySense® TE 200

The **HySense® TE 200** is an all-purpose handheld temperature sensor that can be used for an extremely wide range of measuring tasks, such as measuring temperatures in fluids and powders, as well as on surfaces. The long probe and the flexible coil cord make it easy to quickly measure temperatures even at locations that are difficult to access.





| General characteristics | | |
|---------------------------------|-----------------------------|--|
| Sensor principle | Pt100 | |
| Measuring range | -50 400 °C | |
| Output signal | 4 20 mA, ISDS | |
| Mechanical measuring connection | Immersion and surface probe | |
| Electrical measuring connector | M16 x 0.75, 6-pin* | |
| Measuring accuracy | 1% of full scale | |
| Ambient temperature | -40 70 °C | |
| Body material | Plastic | |
| Probe tip material | Stainless steel | |
| Weight | 207 g | |
| IP degree of protection | IP40 (DIN EN 60529) | |

^{*} More available upon request

| Sensor | Model | Temperature range | Part No. |
|---|-----------------|-------------------|-----------------|
| Surface probe HySense® TE 200 Immersion probe | -50 200 °C | 3170-01-S-03.00 | |
| | Surface probe | -50 400 °C | 3170-01-S-07.00 |
| | Immercian probe | -50 200 °C | 3170-02-S-06.00 |
| | -50 400 °C | 3170-02-S-08.00 | |