

Industrial bimetallic thermometer TBiSChg

Technical description

| Characteristic | |
|---|--|
| – rear or radial construction | |
| – stainless steel housing and cover | |
| – fast: safety acrylic glass | |
| – threaded connection or protective sheath | |
| – non-dismantled rolled housing | |
| – 25 bar static pressure (without additional sheath) | |
| Measuring range | |
| (-20 ÷ 40); (0 ÷ 500) °C acc. to series of types | |
| Accuracy class | |
| 1% full range | |
| Sheath | |
| – material: 316 Ti steel (1.4571) | |
| – diameter [mm]: ø6, 8 | |
| – length [mm]: 40+800 depending on the range and type of connection | |
| Housing | |
| – material: 304 steel (1.4301) | |
| – diameter [mm]: ø63, 80, 100 | |
| Process connection type | |
| – thread: M20x1,5; M24x1,5; M27x2; G½; ½NPT or other | |
| – type: B1 - smooth sensor without thread | |
| B3 - cap with internal thread | |
| B4 - external rotary thread (only for mounting with sheaths) | |
| B4.1 - thread permanently welded to the sensor | |
| UG - sliding handle on the sensor | |
| Construction | |
| – EN-60529/IEC529 - IP65 protection degree | |
| – EN-13190 - accuracy class and temperature range | |
| Additional functions | |
| – alarm contacts | |
| – marks on the dial | |
| – shockproof construction | |
| – hygienic construction | |



Ordering code

| Bimetallic thermometer | TBiSChg - ... - ... - ... - ... - ... - ... - ... - ... | | | | | | | | | |
|--------------------------|---|--|--|--|--|--|--|--|--|--------------------------------|
| Connection: | | | | | | | | | | |
| rear | | | | | | | | | | T |
| radial | | | | | | | | | | R |
| Fill: none | | | | | | | | | | 0 |
| glycerin or silicone oil | | | | | | | | | | G |
| Dial diameter [mm] | | | | | | | | | | 63, 80, 100 |
| Measuring range | | | | | | | | | | (-20 ÷ 40) °C (0 ÷ 500) °C* |
| Sensor diameter | | | | | | | | | | 6, 8 |
| Length [mm] | | | | | | | | | | 40+800* |
| Thread size | | | | | | | | | | G½; M20x1,5* |
| Connection type | | | | | | | | | | B1, B3, B4, B4.1* |
| Accuracy class | | | | | | | | | | 1% |

* Acc. to requirements

Ordering example

Bimetallic thermometer TBiSChg-R-0-63-(0 ÷ 100) °C-6-100-G½-B4.1-1%