

Industrial bimetallic thermometer **TBiSch**

Technical description

Characteristic
<ul style="list-style-type: none"> – rear or radial construction – TWIST stainless steel housing - disassembled – IP56 protection degree – fast: acrylic glass or special – 25 bar static pressure (without additional sheath)
Measuring range
(-20 ÷ 40) °C; (0 ÷ 500) °C acc. to series of types
Accuracy class
1% full range
Sheath
<ul style="list-style-type: none"> – material: stal 1.4571 – diameter [mm]: ø6, 8 – length [mm]: 40+400 depending on the range and type of connection
Housing
<ul style="list-style-type: none"> – material: 316 Ti steel (1.4571) – diameter [mm]: ø63, 80, 100, 160
Process connection type
<ul style="list-style-type: none"> – 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
<ul style="list-style-type: none"> – EN-60529/IEC529 - IP56 protection degree – EN-13190 - accuracy class and temperature range
Additional functions
<ul style="list-style-type: none"> – alarm contacts – marks on the dial – hygienic construction



Ordering code

Bimetallic thermometer	TBiSch - ... - ... - ... - ... - ... - ... - ... - ...
Connection:	
rear	T
radial	R
Dial diameter [mm]	63, 80, 100, 160
Measuring range	(-20 ÷ 40) °C (0 ÷ 500) °C*
Sensor diameter	6, 8
Length [mm]	40+400*
Thread size	G½; M20x1,5*
Connection type	B1, B3, B4, B4.1*
Accuracy class	1%

* Acc. to requirements

Ordering example

Bimetallic thermometer TBiSch-T-63-(0 ÷ 60) °C-6-300-G½-B4.1-1%