

Industrial bimetallic thermometer **TBiGelCh**

Technical description

Characteristic	
– tilting dial - tilt and turn	
– housing made of stainless steel	
– IP56 housing protection degree	
– fast: acrylic glass or special	
– housing type: TWIST and not demountable	
Measuring range	
(0 ÷ 60) °C; (0 ÷ 500) °C acc. to series of types	
Accuracy class	
1% full range	
Sheath	
– material: 1.4571 steel	
– diameter [mm]: ø6, 8	
– length [mm]: 40+400 depending on the range and type of connection	
Housing	
– material: 304 steel	
– diameter [mm]: ø63, 80, 100, 160*	
* for TWIST	
Process connection	
– 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	
Additional functions	
– alarm contacts	
– marks on the dial	
– shockproof construction - only rolled version	
– hygienic construction	



Ordering code

Bimetallic thermometer	TBiGelCh	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Housing type:															
TWIST	no sign														
rolled	g														
Fill: none															
glycerin or silicone oil															
Dial diameter [mm]															
Measuring range															
Sensor diameter															
Length [mm]															
Thread size															
Connection type															
Accuracy class															

* Acc. to requirements

Ordering example

Bimetallic thermometer TBiGelChy-0-R/A-100-(0 ÷ 120) °C-8-100-G½-B4.1-1,0%