



## 63mm general purpose, bimetallic

- Aluminium case
- Temperature ranges from -30...+50°C to 0...200°C
- Brass thermowell supplied as standard

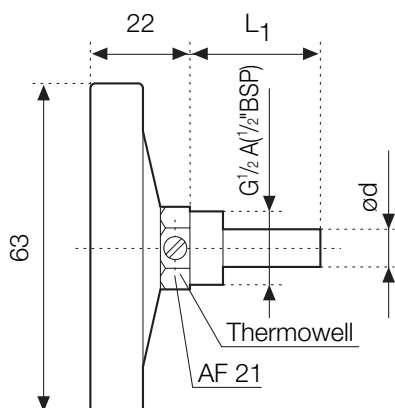
### Technical specification

<b>Nominal size (mm)</b>	63
<b>Accuracy class</b>	2 to Din 16203
<b>Case</b>	Aluminium
<b>Window</b>	Acrylic glass ( $\geq 160^{\circ}\text{C}$ with glass lens)
<b>Connection</b>	Back, centre
<b>Material</b>	Brass
<b>Design</b>	Thermowell G1/2 A (1/2" BSP) detachable, with locking screw
<b>Dial</b>	Aluminium, white scale and lettering black
<b>Pointer</b>	Aluminium, black
<b>Display ranges and scale spacing</b>	-30... 50°C, -20... 60°C, -10... 50°C    1°C 0... 60°C, 0... 80°C    1°C 0... 120°C, 0... 160°C    2°C 0... 200°C    5°C

<b>Scale angle</b>	Approx 270°
<b>Application</b>	Full scale value
<b>Operating pressure</b>	6 bar maximum
<b>Measuring element</b>	Bimetal coil
<b>Dimensions</b>	See technical drawing L1 = 40, 60, 100, 160, 200mm
<b>Weight (Kg)</b>	0.08

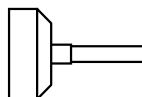
### Dimensions

Type T186  
 $\text{\O}d=12\text{mm}$  but for  
 $L_1=100\text{mm}$ ,  $\text{\O}d=11\text{mm}$



All dimensions in mm

### Ordering information



Temp range (°C)	Part number		
	Stem length (L <sub>1</sub> ): 40mm	Stem length (L <sub>1</sub> ): 60mm	Stem length (L <sub>1</sub> ): 100mm
-30...50	T186703901	T186703902	T186703903
-20...60	T186702001	T186702002	T186702003
0...60	T186706001	T186706902	T186706003
0...120	T186709001	T186709002	T186709003
0...160	T186710001	T186710002	T186710003
0...200	T186711901	T186711902	T186711903



## 100mm heavy duty, bimetallic

- Stainless steel case and bezel
- Temperature ranges from -30...+50°C to 0...250°C
- Various thermowell options available

### Technical specification

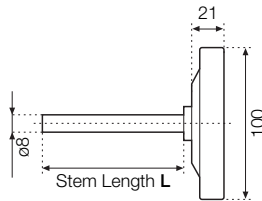
<b>Nominal size (mm)</b>	100	
<b>Accuracy class</b>	1 to Din 16203	
<b>Case/bezel</b>	Stainless steel 1.4301 (304)	
<b>Window</b>	Glass lens	
<b>Dial</b>	Aluminium, scale and lettering, black	
<b>Pointer</b>	Aluminium, black, adjusting pointer	
<b>Display ranges and scale spacing</b>	-30... 50°C, -20... 60°C, 0... 60°C, 0...80°C	0.5°C
	0... 100°C, 0... 120°C, 0... 160°C	1°C
	0... 200°C, 0... 250°C	2°C
<b>Scale angle</b>	Approx 270°	
<b>Measuring element</b>	Bimetal coil	

<b>Max. pressure (at thermowell)</b>	Copper alloy: 6 bar Stainless steel 1.4571 25 bar
<b>Connection</b>	T208 - back T218 - bottom
<b>Stem material</b>	Stainless steel 1.4571 (316Ti) Ø8mm
<b>Design</b>	Plain stem, with neck Ø18mm for thermowell
<b>Protection</b>	IP43 to EN 60529/IEC529
<b>Weight (Kg)</b>	T208 - 0.15 T218 - 0.38

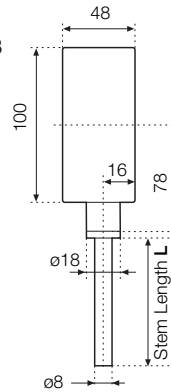
The above gauges can only be used in conjunction with a suitable thermowell.

### Dimensions

#### Type T208



#### Type T218



All dimensions in mm

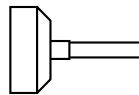
Type	Thermowells with locking screw		
	T968	T988	T998
<b>Material</b>	St35	Copper alloy	1.4571
<b>Connection</b>		Thermowell with thread G1/2 A	
<b>Length (L)</b>		100, 200mm (other options)	

### Ordering information

Model

T208

T218



Temp range (°C)

Part number

Stem length (L): 100mm

-30...50	T208403003	T218403903
-20...60	T208402003	T218402903
0...60	T208406003	T218406903
0...120	T208409003	T218409903
0...160	T208410003	T218410903
0...250	T208412003	T218412903

Stem length (L): 200mm

-30...50	T208403905	T218403905
-20...60	T208402905	T218402905
0...60	T208406005	T218406905
0...120	T208409005	T218409905
0...160	T208410905	T218410905
0...250	T208412905	T218412905

Other stem lengths available.