



## 63mm general purpose, bimetallic

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

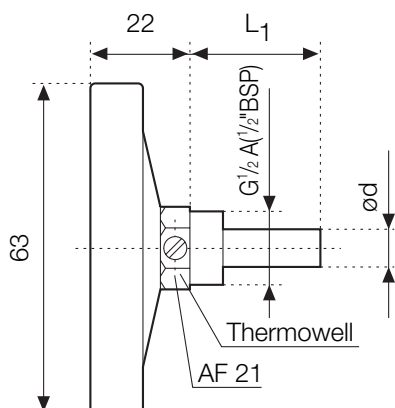
### Technical specification

<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

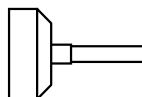
### Dimensions

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

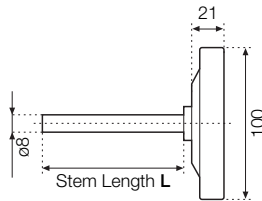
Nominal size (mm)	100
Accuracy class	1 to Din 16203
Case/bezel	Stainless steel 1.4301 (304)
Window	Glass lens
Dial	Aluminium, scale and lettering, black
Pointer	Aluminium, black, adjusting pointer
Display ranges and scale spacing	-30... 50°C, -20... 60°C, 0... 60°C, 0...80°C 0... 100°C, 0... 120°C, 0...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

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

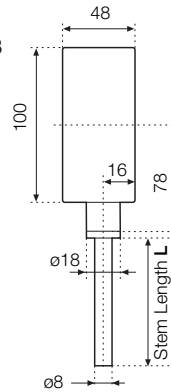
The above gauges can only be used in conjunction with a suitable thermowell.

### Dimensions

#### Type T208



#### Type T218



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

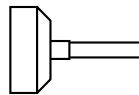
All dimensions in mm

### 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.