









**Size:** Ø 100

**Ends:** Male 1/2" BSP threaded

Min Temperature : - 30°C Max Temperature : + 200°C Max Pressure : 40 Bars

**Specifications:** Full stainless steel

Bimetallic mechanism Accuracy class 2 Instrument glass

Materials: Full stainless steel



#### **SPECIFICATIONS:**

- · Full stainless steel
- Bimetallic mechanism
- Instrument glass
- Plunger Ø 8 mm
- Dial Ø 100 mm
- Male 1/2" BSP threaded
- Accuracy Class 2
- Protection IP31
- Tight tube

#### USE:

- · Not for viscous or crystallizing liquid
- For corrosives environment
- Min and max Temperature Ts :- 30°C to + 200°C
- Max pressure Ps: 40 bars

#### RANGE:

- Stainless steel bimetallic dial thermometer with bottom connection and plunger 77 mm, graduation from -30 to + 50°C Ref. 1680001
- Stainless steel bimetallic dial thermometer with bottom connection and plunger 77 mm, graduation from 0 to + 120°C Ref. 1680002
- Stainless steel bimetallic dial thermometer with bottom connection and plunger 77 mm, graduation from 0 to + 160°C Ref. 1680003
- Stainless steel bimetallic dial thermometer with bottom connection and plunger 100 mm, graduation from -30 to + 50°C Ref. 1681001
- Stainless steel bimetallic dial thermometer with bottom connection and plunger 100 mm, graduation from 0 to + 120°C Ref. 1681002
  Stainless steel bimetallic dial thermometer with bottom connection and plunger 100 mm, graduation from 0 to + 160°C Ref. 1681003
- Stainless steel bimetallic dial thermometer with bottom connection and plunger 100 mm, graduation from 0 to + 200°C Ref. 1681004
- Stainless steel bimetallic dial thermometer with back connection and plunger 77 mm, graduation from -30 to + 50°C Ref. 1685001
- Stainless steel bimetallic dial thermometer with back connection and plunger 77 mm, graduation from 0 to + 120°C Ref. 1685002
- Stainless steel bimetallic dial thermometer with back connection and plunger 77 mm, graduation from 0 to + 160°C Ref. 1685003
- Stainless steel bimetallic dial thermometer with back connection and plunger 100 mm, graduation from -30 to + 50°C Ref. 1686001
- Stainless steel bimetallic dial thermometer with back connection and plunger 100 mm, graduation from 0 to + 120°C Ref. 1686002
- Stainless steel bimetallic dial thermometer with back connection and plunger 100 mm, graduation from 0 to + 160°C Ref. 1686003
- Stainless steel bimetallic dial thermometer with back connection and plunger 100 mm, graduation from 0 to + 200°C Ref. 1686004

#### **ACCESSORIES:**



- S.S. glove finger 1/2" BSP threaded
  - For plunger 77 mm Ref. 9880210
  - o For plunger 100 mm Ref. 9880211

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Date: 10/12 Rev.



### **MATERIALS**:

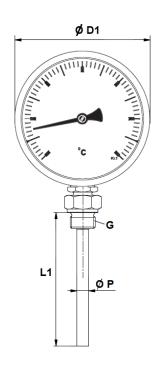
DESIGNATION	MATERIALS	
Вох	SS 304	
Fitting	SS 304	
Mechanism	SS 304	
Dial	Duralumin	
Glass	Instrument glass	
Needle	Duralumin	

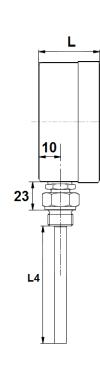


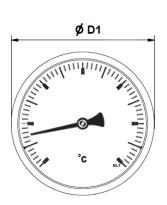
### THERMOMETER SIZE ( in mm ):

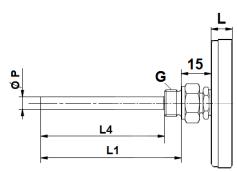
Ref. 1680-1681

Ref. 1685-1686





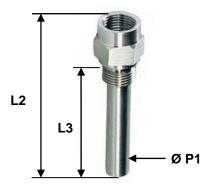




Ref.	1680	1681	1685	1686
Ø D1	109	109	109	109
L	50	50	21	21
L1	77	100	77	100
L4	63	85	63	85
G	1/2"	1/2"	1/2"	1/2"
Ø P	8	8	8	8
Weight ( kg )	0.310	0.330	0.255	0.275



### PLUNGER SIZE ( in mm ):



Ref.	9880210	9880211
L2	90	110
L3	65	86
Ø P1	14	14
Weight ( Kg )	0.110	0.140

### **STANDARDS**:

Fabrication according to ISO 9001 : 2008

Designing according to EN 13190

DIRECTIVE 97/23/CE: Products excluded from directive (article 3, § 3)

**ADVICE**: Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages. The customer must check the right choice of the products with the real service conditions.