Serie F.1500

THERMOMETER

F.1510

F.1510 Thermometers are used for temperature measurement in many industrial applications. ... The liquid expands as the temperature rises in the tube and indicates the temperature. The basic design for this type of thermometer is a small-bore glass tube with a thin-walled glass bulb at the lower end

Application fields

CONDITIONING

HEATING

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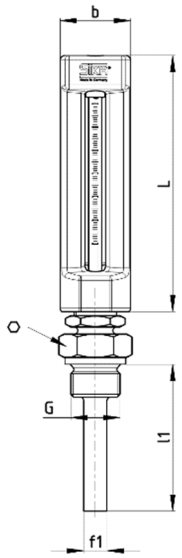
Usage Properties

Application	Liquid and gaseous media
Standard	DIN 16181 B, B1 and DIN 16182 S, S1
Error limits according to DIN 16195	2 °C
Ambient temperature	-20…60 °C (only indoors)
Storage temperature	-40…100 °C
Pressure Rating	PN16 (Immersion tube brass, brazed)

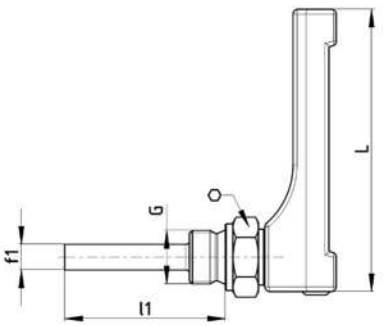
Constructive Properties

	Standard	**Optional**
Mounting type	Bottom Connection	Back Connection
Scale Unit	Celsius °C	Celsius °C and Fahrenheit °F
Scale Range (T)	0/+60°C | 0/+100°C | 0/+120°C | 0/+150°C | 0/+200°C |	
Housing	V-shaped aluminum completely polished, gold-colored anodized	
Dimensions Housing	110 x 34mm	150 x 34mm / 200 x 34mm
Thermometer capillary	Prismatic capillary tube of solid glass, bar-shaped, diameter approx. Ø6 mm, scale permanently burnt in	
Thermometer filling	Blue/Red organic liquid or mercury	
Immersion Tube	Brass	Stainless steel Steel (Chrome plated)
Immersion Tube Diameter	Ø10 mm	-
Process Connection	Fixed male thread G⅜, G½, M20 x 1.5	

Bottom Connection



Back Connection



Dimensions (mm)

L=110	L=150	L=200				
f_1=10						
b=34						
G⅜ / SW22	G½ / SW27	M20x1.5 / SW27				
l_1= 30	l_1= 40	l_1= 50	l_1= 63	l_1= 80	l_1= 100	l_1= 160