

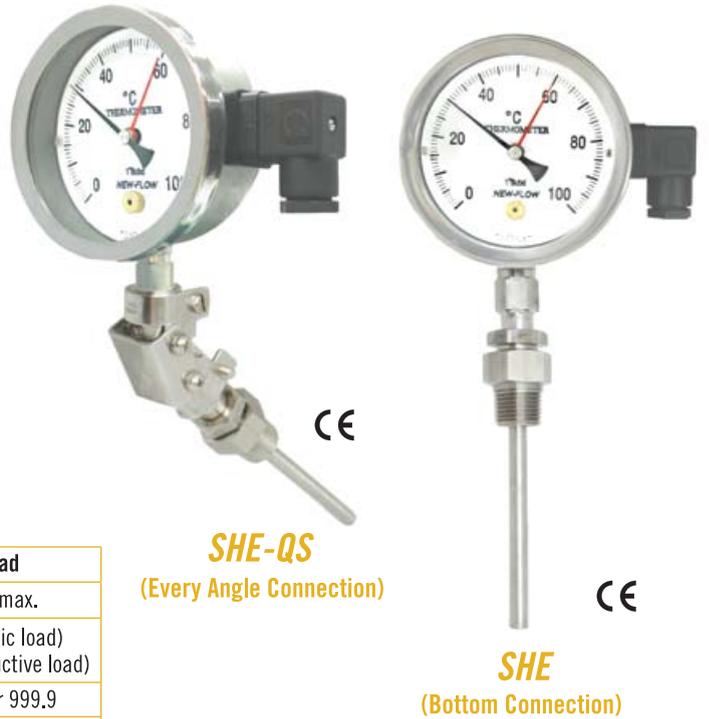
FILLED TYPE THERMOMETERS W/MICRO SWITCH

SHE4/SHE4-QS(Ø100) & SHE6/SHE6-QS(Ø150)

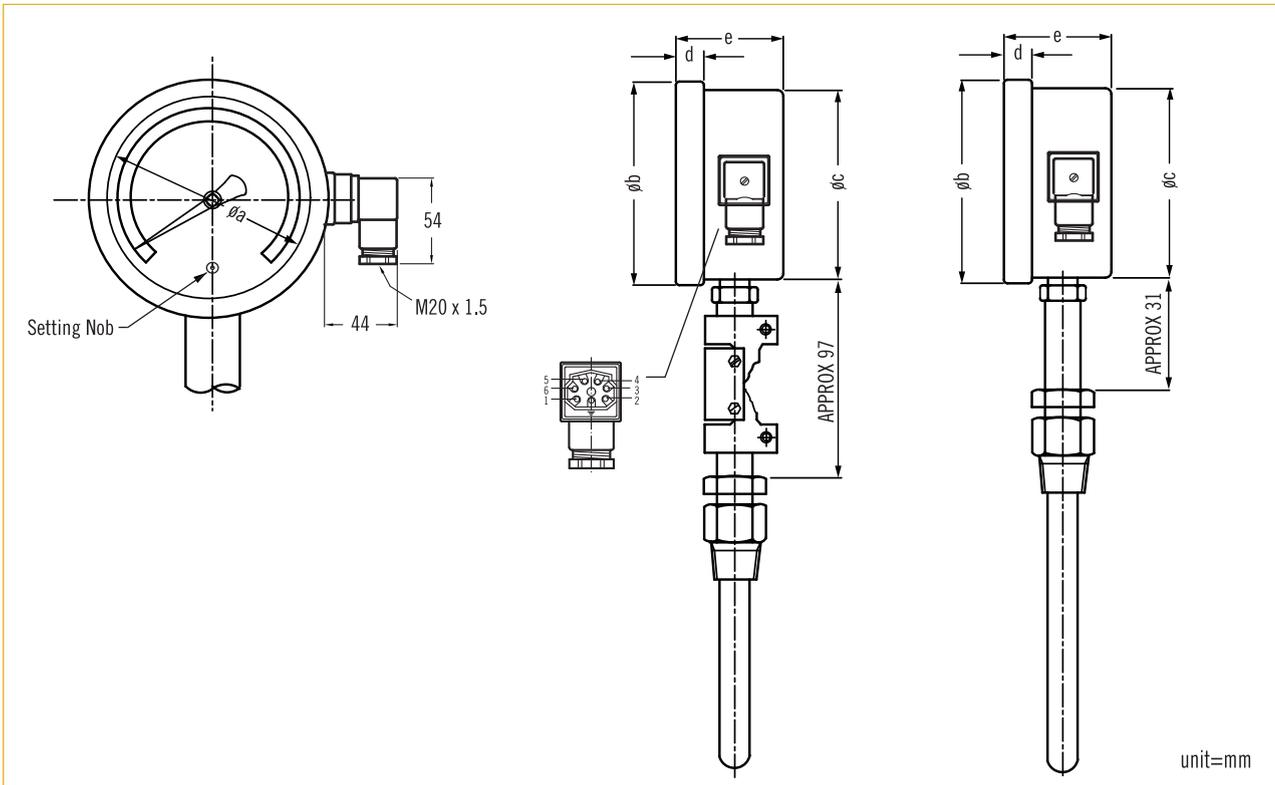
Technical Data

- Direct Mounting**
- Liquid Gas Filled Available**
- Dial Size:** Ø100, Ø150 available
- Material of Case & Cover:** 316 stainless steel
- Material of Stem:** 316 stainless steel
- Lens:** Glass, Safety glass available
- Housing Enclosure:** IP65, liquid filled available
- Range Limit:** -50°C to 600°C
- Stem Dimensions:** Ø6, 8, 10, 12mm available
- Stem Length Limit:** 65~1000mm, option available
- Inner Zero Adjustable**
- Accuracy:** ±1% F.S; Gauge indication: ±2% F.S with switch
- Process Connection:** ½"NPT standard, other available
- Over Range Protection:** 130% F.S
- Switch Form:** One setting point SPDT x 1 or Two setting point SPDT x 2
- Set Point:** Full scale range available

Switch Data:	AC Load	DC Load
Nominal Operating Voltage	250 VAC max.	28 VDC max.
Current	5A max.	5A max. (ohmic load) 3A max. (inductive load)
Contact Material	Pure silver 999.9	Pure silver 999.9
Ambient Temperature	-20°C ~ +70°C	-20°C ~ +70°C



Dimensions

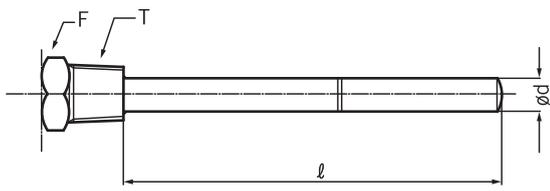


	a	b	c	d	e
SHE4	94	113	102	13	54
SHE4-QS	94	113	102	13	54
SHE6	140	165	153	15	54
SHE6-QS	140	165	153	15	54

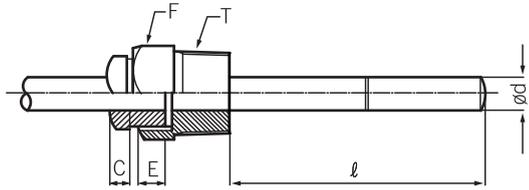
NOTE
Performance Technical Data are effective with date of issue and are subject to change without prior notice.

*Sensor bulb and connection, consult to factory .

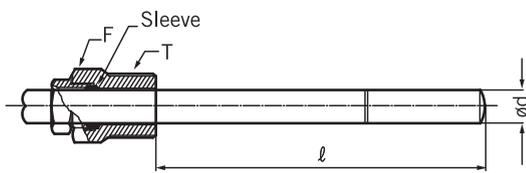
Connection Type



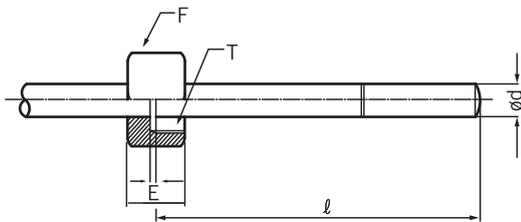
(A) Fixed Thread Type



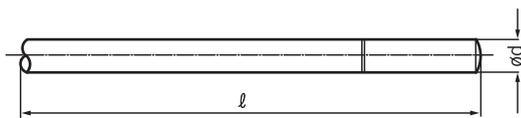
(B) Rotary Thread Type



(C) Slide Thread Type
(Length "l" changed available.)



(D) Female Thread Type
(Rotation Style)



(E) Non Thread Type

T: Process connection
E: Stop plate for (rotary & rotation style)
F: Hexagonal head
l: Sensor length
d: Sensor dimension

Table for Range and Stem

LIQUID FILLED TYPE						
Standard Scale Range (°C)	Minor Division (°C)		Minimum Stem Length (mm)			
			Outer Diameter of Stem			
	Ø100	Ø150	Ø6	Ø8	Ø10	Ø12
-70~+50	2	2		90	80	80
-50~+50	1	1		100	90	90
-30~+50	1	1	205	110	90	90
-30~+100	2	2	130	90	80	80
-10~+50	1	1	270	120	110	110
-10~+100	2	2	155	90	80	80
0~50	1	1	325	140	120	120
0~80	1	1	205	110	90	90
0~100	1	1	165	100	90	90
0~120	2	2	140	90	80	80
0~150	2	2	115	80	70	70
0~200	2	2	90	90	70	70
0~250	5	5	75	80	70	70
0~300	5	5	65	80	70	60
0~400	5	5	50	70	60	60

GAS FILLED TYPE		
Standard Scale Range (°C)	Minor Division (°C)	
	Ø100	Ø150
-200~+50	5	5
-200~+100	5	5
-200~+150	5	5
-200~+200	5	5
-100~+100	2	2
-100~+150	5	5
-100~+200	5	5
-50~+300	5	5
-50~+400	5	5
-50~+500	10	10
-50~+600	10	10
0~400	5	5
0~500	10	10
0~600	10	10

Minimum Stem Length			
mm	Ød	Ø10	Ø12
Minimum length		270	200

OPTION.

1. Special range available upon request.
2. Special scale available upon request.
3. Special stem diameter and length available upon request.

Ordering Information

Model	SHE4(∅100)	SHE6(∅150)	SHE4-QS(∅100)	SHE6-QS(∅150)	
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	Code	Lens Material			
	G	Glass	S	Safety Glass	
	Code	Connection Type			
		A	Fixed Thread Type	C	Slide Thread Type
	B	Rotary Thread Type	D	Female Thread Type	0 Option
	Code	Stem Diameter			
		(1) ∅6 (2) ∅8 (3)∅10 (4)∅12			
	Code	Stem Length			
		Refer to table for range and stem, directly fill in request length (mm)			
	Code	Process Connection			
		(A) 3/8" NPT (B) 1/2" NPT (C) 1/4" NPT (D) 3/8"PF (E) 1/2"PF (F)1/4"PF (O) Option			
	Code	Scale Range			
Please refer to Scale Range table. Fill in the requested length.					
Code	Micro Switch				
	1	One setting point SPDT x 1	2	Two setting point SPDT x 2	
Complete ordering code					

Ordering information Sample:

Model	Lens Material	Connection Type	Stem Diameter	Stem Length	Process Connection	Scale Range	Micro Switch
SHE4-QS	S	A	∅6	100mm	B	0-100°C	1