

Description & Features

- Versatile, inert gas and vapor remote thermometers
- Stainless steel capillary and bulbs
- Range between -50 and 650°C

Applications

- Petrochemical, oil and gas processing
- Medical and pharmaceutical industries
- Dairy processing
- Food and beverage processing
- Power generating stations
- Offshore oil platforms
- Pulp and paper mills
- Waste water treatment
- Marine industries
- Military
- Industrial OEM equipments

Specifications

Dial Size

4" (100mm) or 6" (150mm)

Temperature Range

-50°C...+650°C

Case / Ring Material

304 stainless steel

Lens Material

Tempered safety glass

Pointer

Anodized aluminum with black finish, adjust-pointer on request

Connection

1/2", standard, NPT, BSP, BSPT, G,
and M20*1.5 available

Swivel Male nut

Sliding Male nut

Sliding Female nut

Swivel Female nut

Mounting

Bottom connection, back flange, surface mounting

Back connection, back flange, surface mounting

Back connection, front flange, panel mounting

Back connection, U-clamp, flush panel mounting

Rigid (stem, local)

Adjust-angle (stem, local)



Bulb Material

304 stainless steel standard, 316 stainless steel on request

Bulb Diameter

12mm standard, 8mm, 10mm, 13mm, 16mm

Bulb length

150mm standard, 100mm, 300mm, 500mm

Capillary and Armour

304 stainless steel standard, Capillary with armour

Capillary length

3m standard, 1m, 5m, 10m

Protection

IP 55, IP 65 on request

Accuracy

±1.5% of span

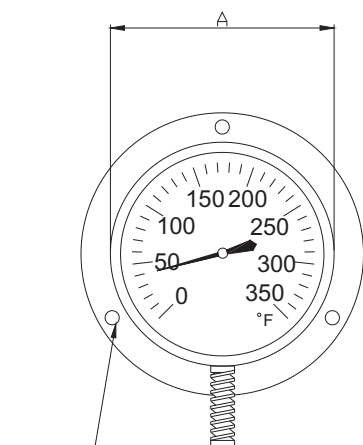
Options

Electrical alarm contact

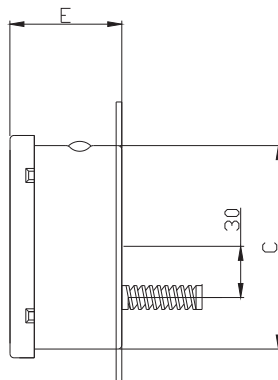
Maximum pointer

Maximum and minimum pointer

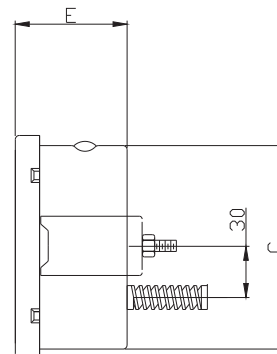
Dimensions



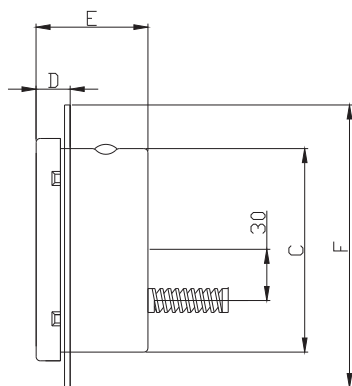
Model TRR-B



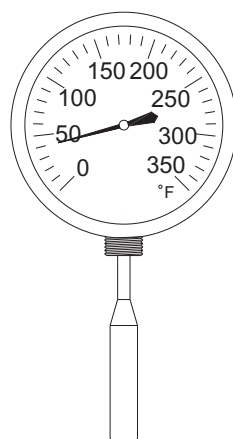
Model TRR-E



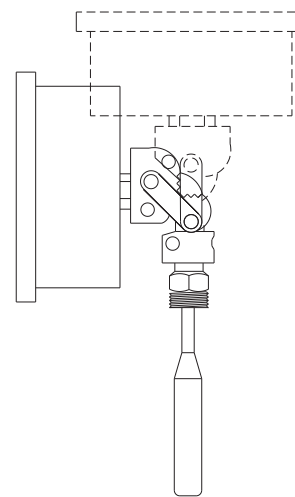
Model TRR-U



Model TRR-F



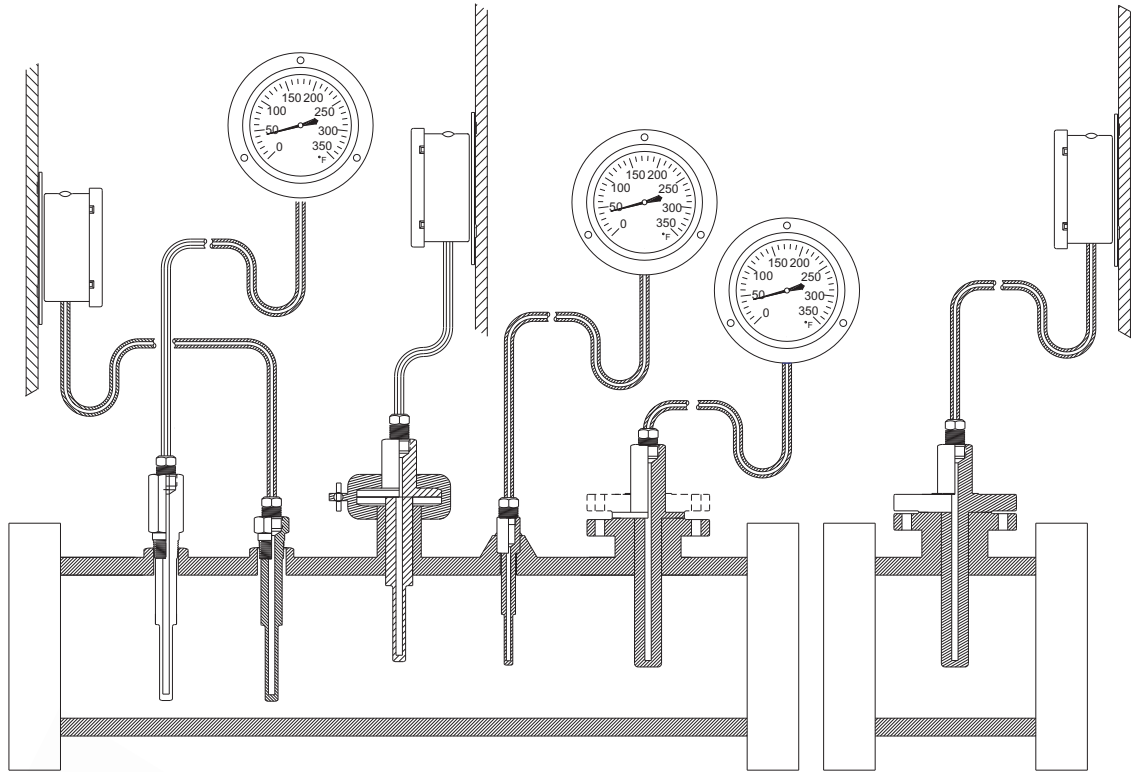
Model TRR-R



Model TRR-H

SIZE	A	B	C	D	E	F
4"(100mm)	4.65" (118mm)	0.24" (6mm)	4.25" (108mm)	0.87" (22mm)	1.77" (45mm)	5.47" (139mm)
6"(150mm)	6.26" (159mm)	0.24" (6mm)	5.91" (150mm)	0.71" (18mm)	1.77" (45mm)	7.72" (196mm)

Thermowell



Electrical Wiring Contact



Gland Cable



DIN Connector



Terminal

Ordering Code TRR Series

Field No.	Code	Specifications
1.	TRR	Series
2.	B	Case and Connection Bottom connection,back flange,surface mounting
	E	Back connection,back flange,surface mounting
	F	Back connection,front flange, panel mounting
	U	Back connection,U-clamp,flush panel mounting
	R	Rigid(stem,local)
	H	Adjust-angle(stem,local)
3.	40	Dial Size 4" (100mm)
	60	6" (150mm)
4.	T	Case Material 304 stainless steel
5.	2	Connection Size 1/2"
	Z	Special request
6.	N	Thread NPT
	B	BSP
	T	BSPT
	G	G
	M	M20 x 1.5
	Z	Special request
7.	SM	Nut type Swivel Male
	UM	Sliding Male
	UF	Sliding Female
	SF	Swivel Female
8.	T	Bulb Type and Material 304 SS, standard
	S	316 SS
9.	12	Bulb Diameter 12mm, standard
	08	8 mm
	10	10mm
	13	13mm
	16	16mm
	ZZ	Special request
10.	150	Bulb Length 150mm, standard
	100	100mm
	300	300mm
	500	500mm
	ZZZ	Special request
11.	TA	Capillary Material and Protection 304 stainless steel, standard with armour
	ZZ	Special request
12.	03	Capillary Length 3m, standard
	01	1m
	05	5m
	10	10m
	ZZ	Special request

Ordering Code TRR Series

Field No.	Code	Specifications
12.		Range
		Single Scale°F
		Code
		Single Scale°C
		Code
		Dual Scale°F&°C
		Code
		-100/+100°F F01 -50/+100°C C01 -50/+100°C&-58/+212°F D01
		-80/+120°F F02 -50/+50°C C02 -50/+50°C&-58/+122°F D02
		-40/+160°F F03 -20/+120°C C03 -20/+120°C&-4/+248°F D03
		-20/+120°F F04 -20/+80°C C04 -20/+80°C&-4/+176°F D04
		0/+200°F F05 -20/+40°C C05 -20/+40°C&-4/+104°F D05
		0/+250°F F06 0/+50°C C06 0/+50°C&32/+122°F D06
		50/300°F F07 0/+60°C C07 0/+60°C&32/+140°F D07
		50/400°F F08 0/+80°C C08 0/+80°C&32/+176°F D08
		50/500°F F09 0/+100°C C09 0/+100°C&32/+212°F D09
		50/550°F F10 0/+120°C C10 0/+120°C&32/+248°F D10
		150/750°F F11 0/+150°C C11 0/+150°C&32/+302°F D11
		100/800°F F12 0/+200°C C12 0/+200°C&32/+392°F D12
		200/10000°F F13 0/+250°C C13 0/+250°C&32/+482°F D13
		0/+300°C C14 0/+300°C&32/+572°F D14
		0/+400°C C15 0/+400°C&32/+752°F D15
		0/+450°C C16 0/+450°C&32/+842°F D16
		0/+500°C C17 0/+500°C&32/+932°F D17
		0/+600°C C18 100/+550°C&212/+1022°F D18
		100/+550°C C19 0/+600°C&32/+1112°F D19
		100/+650°C C20 100/+650°C&32/+1202°F D20
13.		Options
		EC Electrical alarm contact
		SJ Maximum pointer
		MJ Maximum and minimum pointer