

BIMETALLIC THERMOMETER TR and TU

diameter 60, 100 a 120 mm,
bottom, back connection
stainless steel design

Specification:

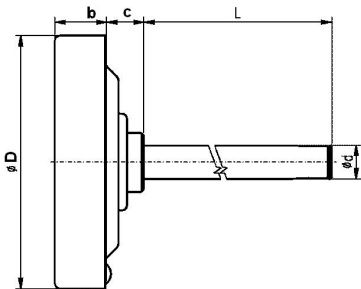
These thermometers with a bimetallic measuring system can be used universally for measuring local temperatures in almost all branches of industry. They can be used for measuring for less demanding application in any position. The thermometers are manufactured with different stem lenths mentioned in the table below. In some cases, particularly when the pressure on the stem exceeds 0,3 MPa, the stem should be placed into a well.

Description:

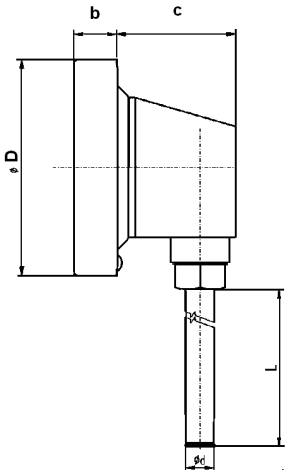
- head made of stainless steel class 17
- stem made of stainless steel class 17
- glass inspection hole
- tolerance $\pm 2\%$
- head environment temperature range $-30+110^{\circ}\text{C}$
- maximum pressure on the stem 0,3MPa
- the well is always by approx. 5mm longer than the stem

Installation:

- a) loose installation
- b) with specific
 - sliding threaded socket
 - sliding conical socket
 - thermometric well
 - thermometers with scale of 0-350 and 450°C must not be used without the well



Type	D	b	c	L	Ø stem
TR60	60	12	10	45, 60,	9mm lenght 400mm (400 included)
TU60	60	12	34	100, 160,	
TR100	100	12	15	250, 400,	
TU100	100	12	32	630,	12mm lenght 630mm
TR120	120	12	15	1000,	
TU120	120	12	32	1500	





Thermometer	Ø head	Dial grading	Scale range	Stem length ... L [mm]								
Type	D [mm]	in °C	°C	Ø d = 8 mm (stainless steel (AKVS))						Ø d = 12 mm (steel class 11)		
				45	60	100	160	250	400	630	1000	1500
TR 60	60	1	-30 to +50		X	X	X	X				
		1	0 to 120	X	X	X	X	X				
		2	0 to 200	X	X	X	X	X				
		5	0 to 350			X	X	X				
		10	0 to 450			X	X	X				
TR 100	100	1	-30 to +50		X	X	X	X	X	X	X	X
		1	0 to 120	X	X	X	X	X	X	X	X	X
		2	0 to 160		X	X	X	X	X	X	X	X
		2	0 to 200	X	X	X	X	X	X	X	X	X
		5	0 to 350			X	X	X	X	X	X	X
		10	0 to 450			X	X	X	X	X	X	X
TR 120	120	1	- 30 to +50		X	X	X	X	X	X	X	X
		1	0 to 120		X	X	X	X	X	X	X	X
		2	0 to 200		X	X	X	X	X	X	X	X
		5	0 to 350			X	X	X	X	X	X	X
		10	0 to 450			X	X	X	X	X	X	X
TU 60	60	1	-30 to +50			X	X	X	X			
		1	0 to 120			X	X	X	X			
		2	0 to 200			X	X	X	X			
		5	0 to 350			X	X	X	X			
		10	0 to 450			X	X	X	X			
TU100	100	1	- 30 to 50			X	X	X	X	X	X	X
		1	0 to 120			X	X	X	X	X	X	X
		2	0 to 160			X	X	X	X	X	X	X
		2	0 to 200			X	X	X	X	X	X	X
		5	0 to 350			X	X	X	X	X	X	X
		10	0 to 450			X	X	X	X	X	X	X
TU 120	120	1	-30 to +50			X	X	X	X	X	X	X
		1	0 to 120			X	X	X	X	X	X	X
		2	0 to 200			X	X	X	X	X	X	X
		5	0 to 350			X	X	X	X	X	X	X
		10	0 až 450			X	X	X	X	X	X	X