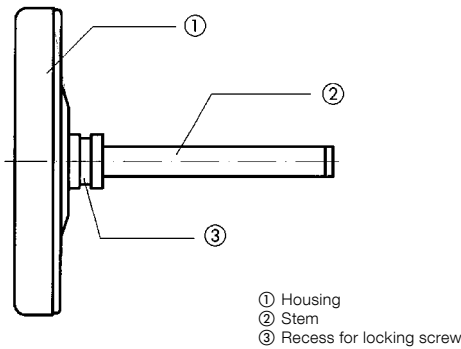
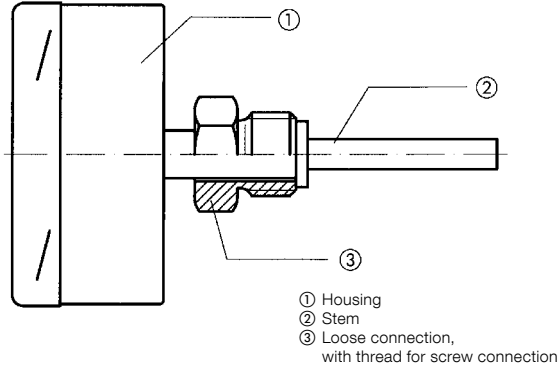


Connection types for bimetal and gas filled thermometers (industrial, stainless steel and chemical versions)

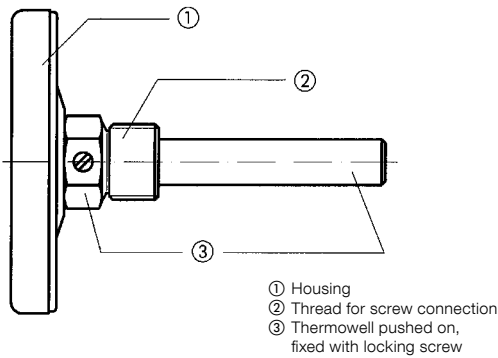
Plain



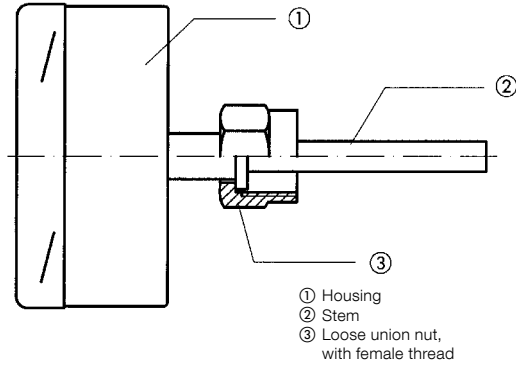
Loose male connection



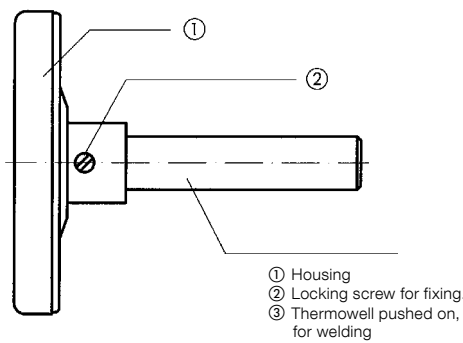
Separate screw-in thermowell (with locking screw)



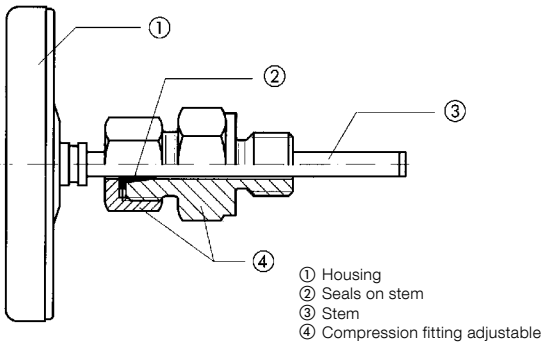
Loose union nut



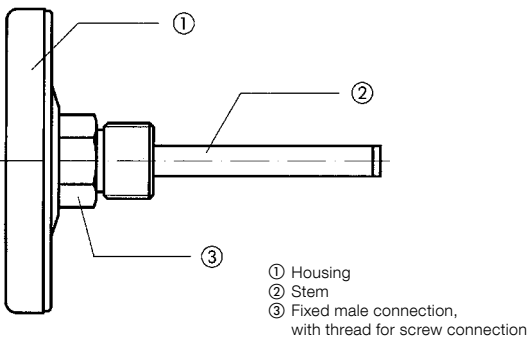
Separate weld-in thermowell (with locking screw)



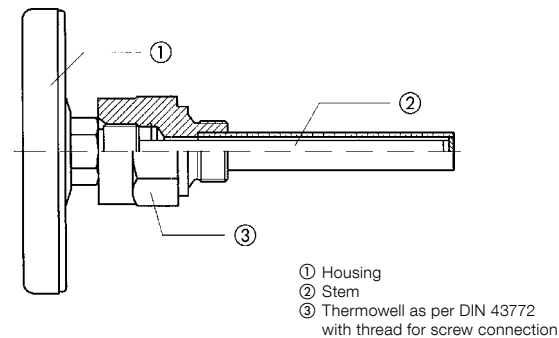
Compression fitting, adjustable on stem



Fixed male connection



DIN thermowell



Extra charges – connection types for bimetal and gas filled thermometers (industrial, stainless steel and chemical versions)

DG: H

Type		Bimetal thermometers			Gas filled thermometers
Material		Brass	Steel	Stainless steel 316 ss	Stainless steel
PG		2	3	3	3
	Stem length mm	Price € Part no.	Price € Part no.	Price € Part no.	Price € Part no.
Separate screw-in thermowell (with locking screw), G½B for stem up to Ø 8 mm for BiTh Ø 10 mm for FTh	45	64506	64511	64501	---
	63	64507	64512	64502	---
	100	64508	64513	64503	64463
	150	64509	64514	64504	---
	200	64510	64515	64505	---
	250	64722	---	64660	---
	300	64723	---	64721	---
Separate weld-in thermowell (with locking screw) for stem up to Ø 8 mm for BiTh Ø 10 mm for FTh	63	---	64517	64521	---
	100	---	64450	64453	64435
	150	---	64518	64522	---
	200	---	64519	64523	---
Stem extension per 100 mm ¹⁾		64524	---	64526	64527
Thermowell extension per 100 mm		64528	---	64530	64531
Fixed male connection G¼B		---	---	On request 64534	---
Fixed male connection G½B		---	---	64454	64460
Loose male connection G¼B		---	---	64541	---
Loose male connection G½B		---	---	64544	64545
Loose union nut G½, female		---	---	64455	On request 64461
Loose union nut G¾, female		---	---	64553	On request 64554
Compression fitting adjustable G½B		---	---	On request 64556	64557
Compression fitting adjustable G¾B		---	---	On request 64558	64559
Capillary per metre Stainless steel		---	---	---	64464
Stem Ø 6 mm ²⁾		On request	---	---	---

1) Only applies to standard lengths 200/250/300 mm – extra charge for special lengths: €

2) Only for centre back connection, limited measuring ranges (0–120° C, 0–300° C, 0–500° C).

Blue part no. = in-stock items

Extra charges for bimetal thermometers and gas filled thermometers (industrial, stainless steel, chemical application versions)

DG: H

4

	Bimetal thermometers			Gas filled thermometers	
Housing diameter (mm)	< 100	100	160	100	160
	Price € Part no.	Price € Part no.	Price € Part no.	Price € Part no.	Price € Part no.
Red mark on dial	64465	64470	64478	64487	64492
1 reference pointer red, external rotary knob adjustment (window = plastic) T _{max} 160 °C only for instruments without filling	64467	64471	---	On request 64488	On request 64493
Maximum pointer, external rotary knob adjustment (Window: BiTh 63, 100 = instrument glass; BiTh 160 = plastic; FTh 100, 160 = plastic) T _{max} 160 °C, only for gauges without filling and gauges with bayonet bezel housing	64468	64473	64481	64489	64494
Glycerine filling (only for instruments with bayonet bezel housing)	---	64475	64483	64490	64495
Silicone oil filling (only for instruments with bayonet bezel housing)	---	64476	64484	64491	64496
Other ranges for bimetal thermometers (extra charge as compared to version 0/120 °C)	Minimum stem length centre back (in mm)*	Minimum stem length bottom (in mm)*	Price €		
-20/+40 °C	63	100		---	
-20/+60 °C	63	63		---	
-30/+50 °C	63	63		---	
-40/+40 °C	63	63		---	
-40/+60 °C	63	63		---	
0/60 °C	63	100		---	
0/80 °C	63	63		---	
0/100 °C	63	63		---	
0/200 °C	63	63	On request	---	
0/250 °C	100	100	On request	---	
0/300 °C	75	63	On request	---	
0/400 °C	75	75	On request	---	
0/500 °C	63	63	On request	---	
0/600 °C	75	175	On request	---	

* For version with separate thermowell.

Blue part no. = in-stock items

Electrical contacts (only for gas filled thermometers)

DG: H, PG: 3

Design			Magnetic spring contact		Inductive contact	
Code			MK 1	MK 2	IK 1	IK 2
Number of contacts			1	2	1	2
Switching function: 1 = closes, 2 = opens (pointer moves clockwise)			1 2	11, 12 21, 22	1 2	11, 12 21, 22
The extra charges indicated include mounting, thermometer not included						
Version	Nominal size	Housing	Price €	Price €	Price €	Price €
Gas filled thermometers for chemical applica- tions	100	No filling				
	100	With filling				
	160	No filling				
	160	With filling				

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See page 397 for contact protection relays
and isolating switching amplifiers.