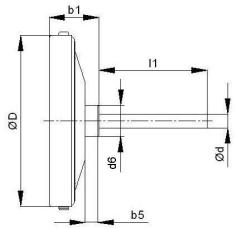
Bimetal thermometer - high-quality version



Design type	Bimetal thermometer with bimetal spiral measuring element
Connection	smooth, with collar for protective tube
Nominal size	Diameter 63mm and 100mm
Material	Housing and immersion tube Stainless steel, Dial plate Aluminium, Pointer Aluminium, Sight glass Instrument flat glass
Accuracy	Class 1,0 according to EN13190
Temperature range	see table
max. Operating pressure	depending on the selected protective tube
Application area	Continuous duty Measuring range temporary (max. 24h) Display range
Application	Liquids, gases and vapours which do not attack the materials used
Special versions	Display range °F, °C/°F, other display ranges, other connection types
Ordering note	Protective tube please select separately
Accessories	Protective tubes Series SR

Dimensions



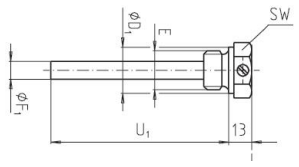
Diameter ØD	b_1	b_5	Ød	d_6	Immersion tube length l_1	Weight [approx. kg]
63	29	13	8	18	63, 100, 160	0,16
100	35	13	8	18	63, 100, 160	0,30

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Diameter [mm]	Display range [°C]	Measuring range [°C]	Immersion tube length	Type
63	-30/50	-20/40	63	5221
63	0 - 120	10 - 110	63	5222
63	0 - 160	20 - 140	63	5223
63	0 - 200	20 - 180	63	5224
63	0 - 250	30 - 220	63	5225
63	-30/50	-20/40	100	5226
63	0 - 120	10 - 110	100	5227
63	0 - 160	20 - 140	100	5228
63	0 - 200	20 - 180	100	5229
63	0 - 250	30 - 220	100	5230
63	-30/50	-20/40	160	5231
63	0 - 120	10 - 110	160	5232
63	0 - 160	20 - 140	160	5233

Diameter [mm]	Display range [°C]	Measuring range [°C]	Immersion tube length	Type
100	-30/50	-20/40	63	5241
100	0 - 120	10 - 110	63	5242
100	0 - 160	20 - 140	63	5243
100	0 - 250	30 - 220	63	5245
100	-30/50	-20/40	100	5246
100	0 - 120	10 - 110	100	5247
100	0 - 160	20 - 140	100	5248
100	0 - 200	20 - 180	100	5249
100	0 - 250	30 - 220	100	5250
100	-30/50	-20/40	160	5251
100	0 - 120	10 - 110	160	5252
100	0 - 160	20 - 140	160	5253
100	0 - 200	20 - 180	160	5254
100	0 - 250	30 - 220	160	5255

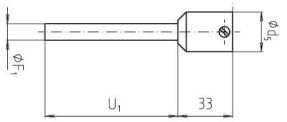
Protective tubes SR0. or rather SR1.



Connection E	Immersion tube length U_1	max. Operating pressure	Material	Sealing bead $ØD_1$	Protective tube $ØF_1$	SW	Type
1/2"	63	6	Copper alloy	26	10	27	SR01
1/2"	63	25	Stainless steel 1.4571	26	10	27	SR11
1/2"	100	6	Copper alloy	26	10	27	SR02
1/2"	100	25	Stainless steel 1.4571	26	10	27	SR12
1/2"	160	6	Copper alloy	26	10	27	SR03
1/2"	160	25	Stainless steel 1.4571	26	10	27	SR13

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Protective tubes SR2..



Immersion tube length	Installation length U_1	max. Operating pressure	Material	Welding spigot $Ød_5$	Protective tube $ØF_1$	Type
63	43	25	Stainless steel 1.4571	24	10	SR21
100	80	25	Stainless steel 1.4571	24	10	SR22
160	140	25	Stainless steel 1.4571	24	10	SR23

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