A.1.1.

HEATING THERMOMETER ETR

diameter 63, 80, 100, 160mm bottom, back connection including CuZn well G1/2

DESCRIPTION:

- head: galvanized sheet
- copper stem
- acrylate inspection hole
- brass thermowell with thread G1/2 is part of the thermometer
- back connection, on individual request bottom connection

APPLICATION:

- heating and sanitary technology
- heating management, power engineering
- other operations without high technical requirements

TECHNICAL PARAMETERS:

- case diameter: 63, 80, 100, 160mm
- temperature ranges: 0-120°C (-50+50, -30+30, -20+40, -20+60, -15+45, -10+70, -10+60, 0-40, 0-50, 0-60, 0-80, 0-100, 0-160, 0-200, 0-250°C)
- stem length: 50, 65, 105, 150mm
- accuracy: kl.2

SPECIFICATION:

Heating thermometers are universally applicable devices for local temperature measurement, mainly used in heating engineering and light industry. Thermometers may be used for temperature measurement in any position.

Thermometers head may be placed into simple environment according to ČSN 33 0300 within range -30+110°C. Permitted tolerance for all ranges is in accordance with kl.2 from all range. Measured temperature must not exceed max. scale range.

Thermometers are produced with various stem lengths as mentioned in the technical documentation. Brass thermowell PN6 (Pn25) with G1/2 thread comes as part of the thermometer, see technical documentation.

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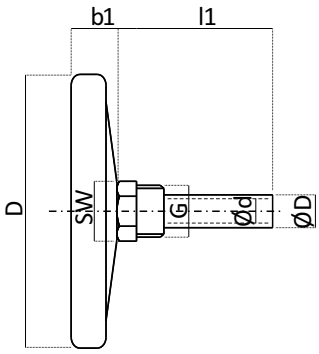
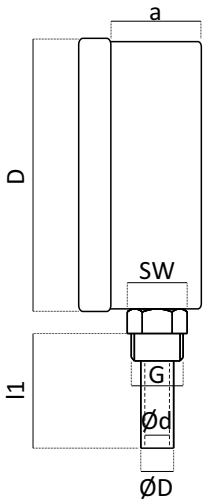
Thermometer Type	ØHead D [mm]	Scale division by°C	Measur.range °C	Stem length ... L [mm] d=9mm			
				50	65	105	150
ETR 63	63	1	-20+60	X	X	X	X
		1	0-100	X	X	X	X
		2	0-120	X	X	X	X
		2	0-160	X	X	X	X
ETR 80	80	1	-20+60	X	X	X	X
		1	0-100	X	X	X	X
		2	0-120	X	X	X	X
		2	0-160	X	X	X	X
ETR 100	100	1	-20+60	X	X	X	X
		1	0-100	X	X	X	X
		2	0-120	X	X	X	X
		2	0-160	X	X	X	X
ETR 160	160	1	-20+60		X	X	X
		1	0-100		X	X	X
		2	0-120		X	X	X
		2	0-160		X	X	X
Optional temperature ranges: -50+50, -30+30, -20+40, -15+45, -10+70, -10+60, 0-40, 0-50, 0-60, 0-80, 0-200, 0-250°C							

• ETR - back connection



• ETR - bottom connection



Dimensions in mm								
Head	D	b1	SW	G	Ød	ØD	a	l1
63	63	16	22	G1/2	9	12	33	50, 65, 75, 105, 150
80	80	16	22	G1/2	9	12	33	
100	100	22	22	G1/2	9	12	33	
160	160	24	22	G1/2	9	12	33	

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