


BDTV-135

Badotherm model BDTV series thermometer is available with 110/150/200 mm upper-part and are standard with a brass screwed-in stem thermowell to protect the glass tube. These V-shape thermometers are suitable for tank constructions, central heating and ventilating system (HVAC systems), shipping industry, mechanical engineering, power stations etc.

standard V-shape thermometer

mounting variations

- type BDTV110/150/200, straight model
- type BDTV110-D/150-D/200-D, 90 degrees angled
- type BDTV110-D/150-D/200-D, 135 degrees angled
- type BDTV with every angle system
- type BDTV with capillary
- type BDTV special

technical specification model BDTV110/150/200

upper part 110/150/200 mm	insert prismatic	design straight, 90°, 135°	ranges from -60/600 °C
casing aluminium	stem brass	filling blue	connection 1/2" bsp
bezel none	stem dia to fit well	stem length 30/40/63/100 mm	stem length 160/250/400 mm

Note: special stem length and material available
above 300 °C the stem and connection is steel; above 200 °C with mercury filling

options and special executions at extra costs

casing	plastic, stainless steel
inscription	customized- i.e. non standard ranges or logos
certificates	calibration-; conformity-; material
manuals	installation and maintenance
ranges	available in °C + °F
connection	NPT, MM, BSPT, acc JIS in various sizes
thermowell	nickel plated, AISI316, monel
special stem length	45/50/80/110/140 mm
special executions	on request

BDTBTV-135 - technical data sheet

operating details

working range

limitations	
Permanent	measuring range per DIN 16 195

temperature limitations

	ambient	process
without filling	-60 °C to 600 °C	-60 °C to 600 °C

pressure rating of thermowell
6 bar maximum

design information

ingress protection

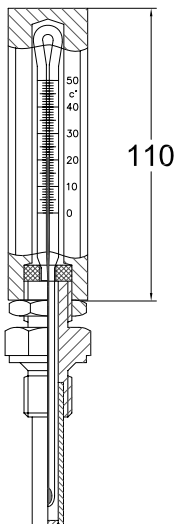
IP 54 per EN 60 529 / IEC 529

design

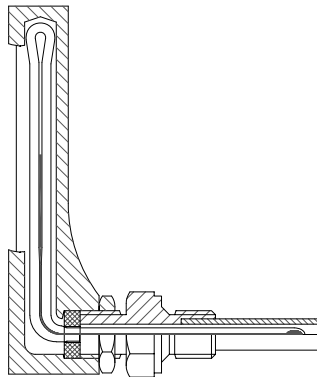
DIN 16 195

standard ranges	graduation (subdivision)
-60 +40 °C	2 °C
-60 +50 °C	2 °C
-30 +50 °C	2 °C
0 +50 °C	1 °C
0 +100 °C	2 °C
0 +120 °C	2 °C
0 +160 °C	5 °C
0 +200 °C	5 °C
0 +250 °C	5 °C
0 +300 °C	5 °C
0 +500 °C	10 °C
100 +600 °C	10 °C

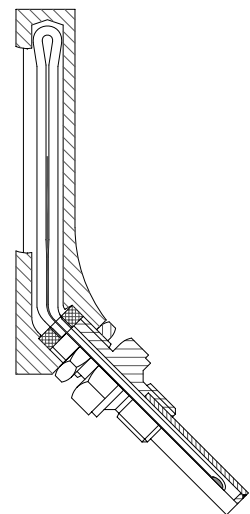
drawings



straight



angled 90°



angled 135°