



BATTERY POWERED DIGITAL THERMOMETERS 7035,7036,7037,7038 diameter 100mm stem and capillary design

DESCRIPTION:

- case: stainless steel 17 240/1.4301
- stem: stainless steel 17 348/1.4571
 - glass inspection hole, LCD display
 - smooth or threaded connection
- bottom or back connection, stem or capillary design
 - value loading every 6 seconds

APPLICATION:

- power-engineering
 - heating industry
 - food industry
 - hydraulics

TECHNICAL PARAMETERS:

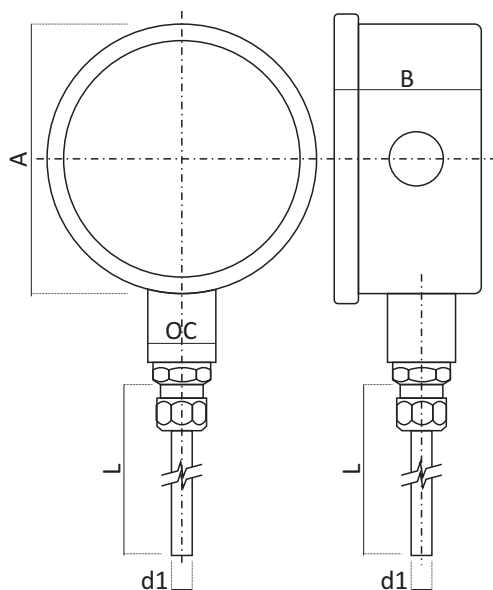
- diameter: 100mm
- temperature ranges: -100+100, -50+50, 0-60, 0-80, 0-100, 0-120, 0-160, 0-200, 0-300, 0-400, 0-500°C
 - connection threads: G1/2 (G1/4, M18x1,5, M20x1,5, M24x1,5)
- stem length: 63, 100, 150, 200mm
 - accuracy: kl.0,3%
 - protection: IP 65

SPECIFICATION:

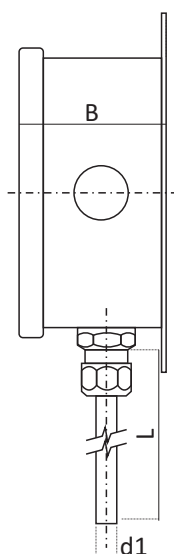
Digital all-stainless steel thermometers are designed for local/remote temperature measurement of liquids, vapour, air and other mediums within temperature range -50+500°C (Atex design 400°C) with accuracy 0,3%. Used in industries, where it is necessary to read the measured value directly in the place of measurement. Case material stainless steel 17 240/1.4301, stem and thread made of stainless steel 17 348/1.4571, 4-digit 18mm high LCD display. Bottom and back connection, standard version is powered by battery. Normalized sensor output 4-20mA. Conductors from the measuring insertion are routed to the plastic head with transducer, display unit and output connector. Adapter is equipped with screwing for sensors attachment to the relevant armature. The transducer works as a passive transmitter in the current loop.

	7035	7036	7037	7038
Connection	bottom stem	back stem	bottom with capillary	back with capillary
Diameter	100mm			
Temperature ranges (resolution)	-100+100°C (0,2), -50+50°C (0,1), 0-60°C (0,1), 0-80°C (0,1), 0-100°C (0,1), 0-120°C (0,2), 0-160°C (0,2), 0-200°C (0,2), 0-300°C (0,5), 0-400°C (0,5), 0-500°C (1), 0-600°C (1)			
Accuracy class	kl.0,3%±1			
Case	stainless steel 17 240/1.4301			
Inspection hole	glass			
Stem/Sensor	length 60,100, 160, 200mm/ d1= 8, 10			
Power lines	length up to 50m			
Stem threads	G1/2, G1/4, M18x1,5, M20x1,5, M24x1,5			
Sensor	Pt1000 DIN IEC 751 Kl. B			
Display	LCD			
Battery	3,6V			
Sensor size	6, 8 or 10			
Probe length	up to 200mm			
Environment temp.	-20+60°C			
Protection	IP 65			

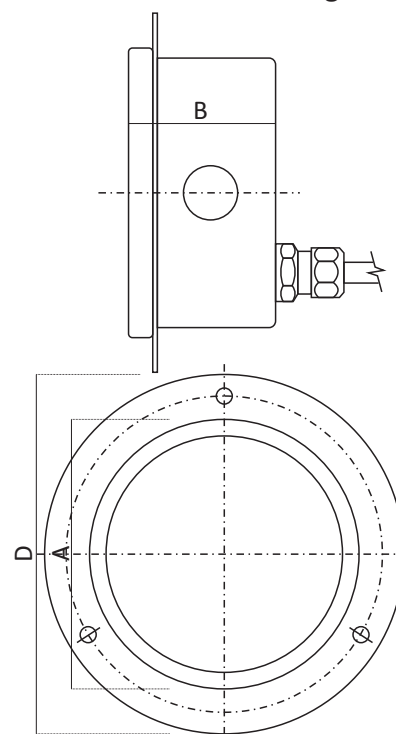
• 7035 - bottom connection



• 7035 - bottom connection with back flange



• 7036 back connection with front flange



Dimensions in mm					
A	B	C	D	L	d1
100	45	26	132	60,100,160,200	6, 8,10