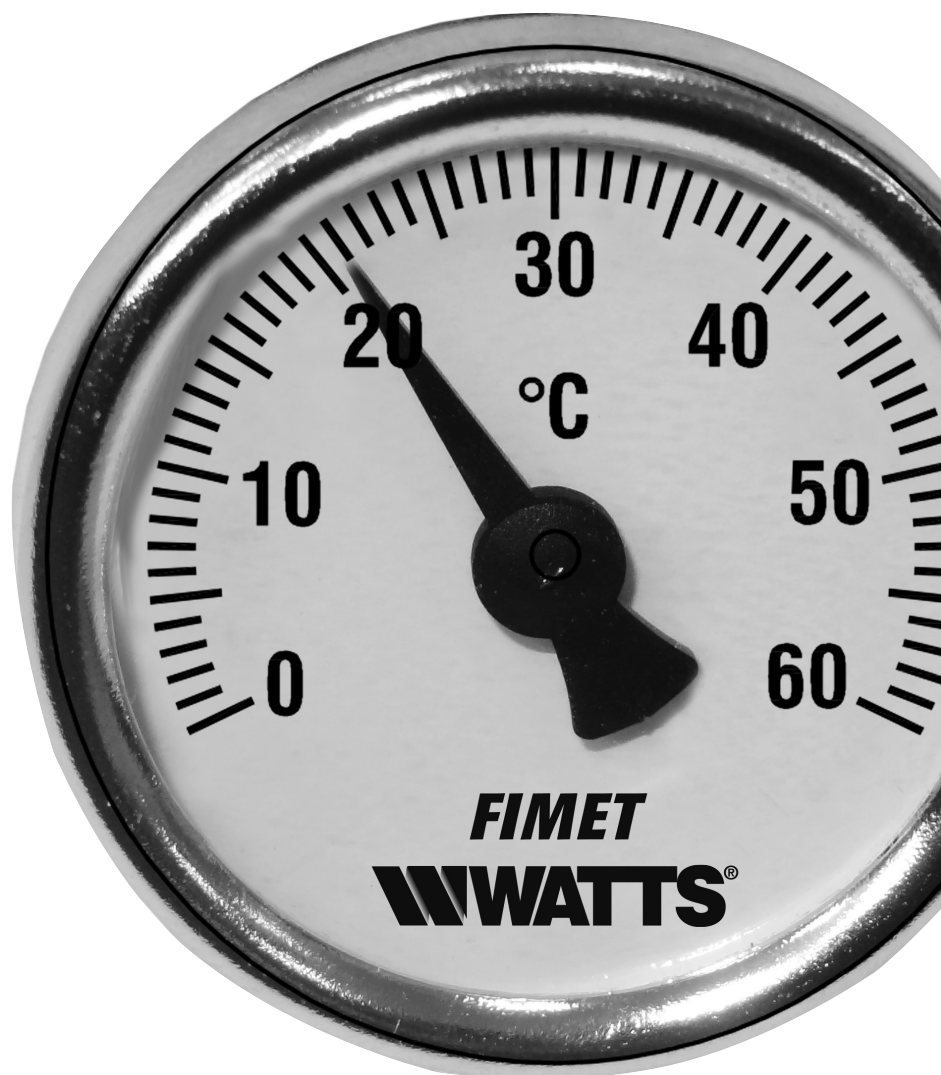


# TBC

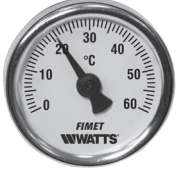
Bourdon tube pressure gauges

## Technical Data Sheet



## Description

Zinc-plated steel case with chrome-plated bezel ring centre back entry. For underfloor heating systems.



### TBC-33

DN33 pressure gauges.

Part No	Stem (mm)	Scale Range	Connection	Options*	Box/ Master	Min. order
	8,5	0-50 °C	ø15		250/250	250
PTAM440000	13,5	0-60 °C	ø15		1/270	270
	8,5	0-70 °C	ø15		250/250	250
PTAM450000	13,5	0-80 °C	ø15		1/270	270
PTAM450003	8,5	0-80 °C	ø15		250/250	250
PTAM450002	8,5	0-80 °C	ø12		250/250	250

## Customizations per minimum order quantity

Customizations	Model
Customized dials, other scale ranges on request	TBCc-33

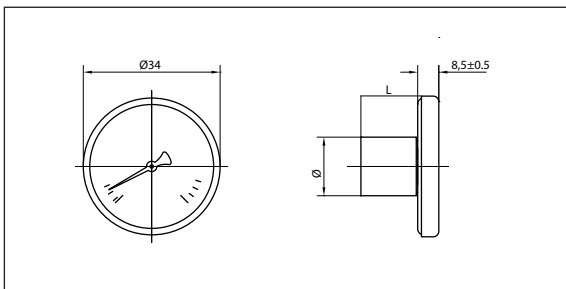
## Features

Materials	
Case	Zinc-plated steel
Bezel ring	Chrome-plated steel
Window	Clear plastic
Dial	Alluminium white
Pointer	Black plastic
Stem	Brass
Temperature element	Bimetal, spiralled

Technical features	
Design	<i>EN 13190</i>
Temperature limits	Ambient: -20 ... +60 °C Medium: as per scale indication Storage: -20 ... +60 °C
Operating temperature	As per scale indication
Temperature effect	Not applicable
Accuracy class	cl. 2
Degree of protection	IP 31 for EN 60 529 / IEC 529
Individual weight	0.025 kg

## Overall dimensions (mm)

### TBC-33



## Specification text

Bimetal Thermometers **Series TBC-33**, Watts brand, for underfloor heating systems. Zinc-plated steel case DN 33 **back connection** with chrome-plated steel bezel ring. Measures range from 0-50 to 0-100 °C. Stem brass DN 12-15, length 8,5 - 13,5 mm. Temperature limits as per scale indication. Accuracy class cl. 2.0. **Compliant with EN 13190**



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