

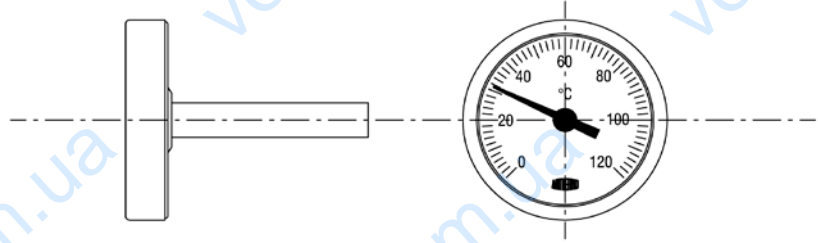
## Bimetallic Thermometers with Zinc Plated Steel Case

APPLICATIONS:

Heating, floor heating, conditioning, boilers, ovens, stoves, chimneys and electrical appliances.

### FIG. 569 Ø 32 Ø 40

Zinc plated steel case, back stem.



### MATERIALS

Case	Zinc plated steel
Window	Clear resin/glass
Dial	Aluminium
Pointer	Resin/aluminium
Stem	Zinc plated steel Ø 9 mm
Temperature element	Bimetallic, spiralled

### TECHNICAL SPECIFICATIONS

Design	UNI EN 13190
Temperature limits	Ambient: -20/+60° C Storage: -20/+60° C
Operating temperature	As per scale indication
Accuracy class	2
Degree of protection	IP41 per EN 60 529/IEC 529

#### Diameter 32 mm

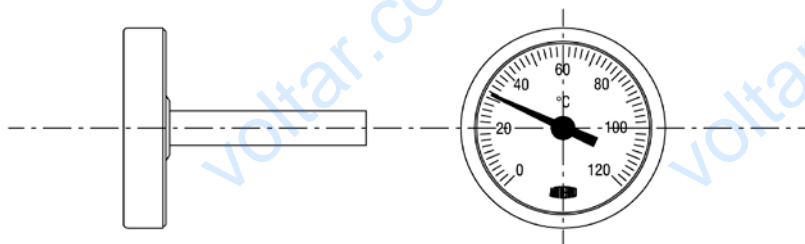
TYPE	CODE	STEM (mm)	TEMPERATURE RANGE	BOX	BOX DIMENSIONS (mm)	WEIGHT (kg)
AR-T/B 32	020109116200	27	0-80° C	350	600x400x200	11,7
AR-T/B 32	020109119700	27	0-120° C	350	600x400x200	11,7
AR-T/B 32	020109129100	27	0-200° C	350	600x400x200	11,7
AR-T/B 32		27	0-300° C	350	600x400x200	11,7
AR-T/B 32		27	0-400° C	350	600x400x200	11,7
AR-T/B 32	020127916200	50	0-80° C	280	600x400x200	12
AR-T/B 32	020127919700	50	0-120° C	280	600x400x200	12
AR-T/B 32	020127929100	50	0-200° C	280	600x400x200	12
AR-T/B 32	020127934500	50	0-300° C	280	600x400x200	12
AR-T/B 32	020127936500	50	0-400° C	280	600x400x200	12

#### Diameter 40 mm

TYPE	CODE	STEM (mm)	TEMPERATURE RANGE	BOX	BOX DIMENSIONS (mm)	WEIGHT (kg)
AR-T/B 40	024207438500	20 threaded	0-500° C	350	600x400x200	11,6
AR-T/B 40		27	0-60° C	350	600x400x200	11,6
AR-T/B 40	024209116100	27	0-80° C	350	600x400x200	11,6
AR-T/B 40	024209119800	27	0-120° C	350	600x400x200	11,6
AR-T/B 40		27	0-160° C	350	600x400x200	11,6
AR-T/B 40	024209134500	27	0-300° C	350	600x400x200	11,6
AR-T/B 40		27	0-400° C	350	600x400x200	11,6
AR-T/B 40	024209138500	27	0-500° C	350	600x400x200	11,6
AR-T/B 40		50	0-60° C	280	600x400x200	14,2
AR-T/B 40	024227916100	50	0-80° C	280	600x400x200	14,2
AR-T/B 40	024227919800	50	0-120° C	280	600x400x200	14,2
AR-T/B 40		50	0-160° C	280	600x400x200	14,2
AR-T/B 40	024227929100	50	0-300° C	280	600x400x200	14,2
AR-T/B 40		50	0-400° C	280	600x400x200	14,2
AR-T/B 40	024227938500	50	0-500° C	280	600x400x200	14,2

On request: different stem length

On request: threaded stem + nut +23% on pricelist

**FIG. 569 Ø 50**
*Zinc plated steel case, back stem.*

**MATERIALS**

Case	Zinc plated steel
Window	Clear resin/glass
Dial	Aluminium
Pointer	Resin/aluminium
Stem	Zinc plated steel Ø 9 mm
Temperature element	Bimetallic, spiralled

**TECHNICAL SPECIFICATIONS**

Design	UNI EN 13190
Temperature limits	Ambient: -20/+60° C Storage: -20/+60° C
Operating temperature	As per scale indication
Accuracy class	2
Degree of protection	IP41 per EN 60 529/IEC 529

**Diameter 50 mm**

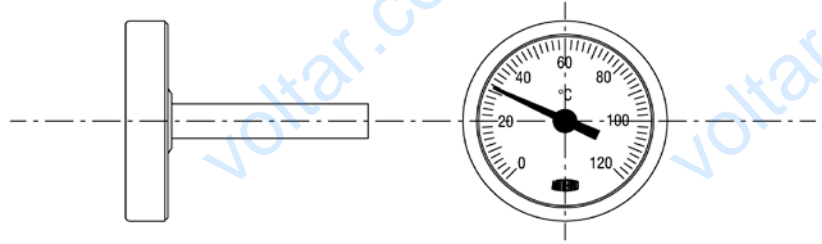
TYPE	CODE	STEM (mm)	TEMPERATURE RANGE	BOX	BOX DIMENSIONS (mm)	WEIGHT (kg)
AR-T/B 50		27	0-60° C	350	600x400x200	17,7
AR-T/B 50		27	0-80° C	350	600x400x200	17,7
AR-T/B 50	030109119800	27	0-120° C	350	600x400x200	17,7
AR-T/B 50	030109124000	27	0-160° C	350	600x400x200	17,7
AR-T/B 50	030109134500	27	0-300° C	350	600x400x200	17,7
AR-T/B 50		27	0-400° C	350	600x400x200	17,7
AR-T/B 50		27	0-500° C	350	600x400x200	17,7
AR-T/B 50		50	0-60° C	280	600x400x200	15,8
AR-T/B 50		50	0-80° C	280	600x400x200	15,8
AR-T/B 50	030127919800	50	0-120° C	280	600x400x200	15,8
AR-T/B 50	030127924000	50	0-160° C	280	600x400x200	15,8
AR-T/B 50	030127934500	50	0-300° C	280	600x400x200	15,8
AR-T/B 50		50	0-400° C	280	600x400x200	15,8
AR-T/B 50		50	0-500° C	280	600x400x200	15,8
AR-T/B 50		100	0-60° C	200	660x400x250	16
AR-T/B 50	030151718000	100	0-80° C	200	660x400x250	16
AR-T/B 50	030151719800	100	0-120° C	200	660x400x250	16
AR-T/B 50	030151724000	100	0-160° C	200	660x400x250	16
AR-T/B 50	030151734500	100	0-300° C	200	660x400x250	16
AR-T/B 50	030151736400	100	0-400° C	200	660x400x250	16
AR-T/B 50	030151739600	100	0-500° C	200	660x400x250	16

On request: different stem length

On request: threaded stem + nut +23% on pricelist

**FIG. 569 Ø 65**

Zinc plated steel case, back stem.



**MATERIALS**

Case	Zinc plated steel
Window	Clear resin/glass
Dial	Aluminium
Pointer	Resin/aluminium
Stem	Zinc plated steel Ø 9 mm
Temperature element	Bimetallic, spiralled

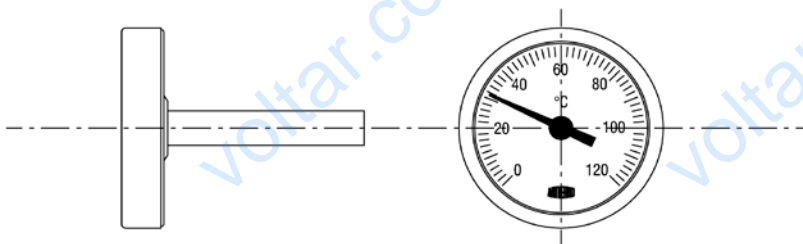
**TECHNICAL SPECIFICATIONS**

Design	UNI EN 13190
Temperature limits	Ambient: -20/+60° C Storage: -20/+60° C
Operating temperature	As per scale indication
Accuracy class	2
Degree of protection	IP41 per EN 60 529/IEC 529

**Diameter 65 mm**

TYPE	CODE	STEM (mm)	TEMPERATURE RANGE	BOX	BOX DIMENSIONS (mm)	WEIGHT (kg)
AR-T/B 65	040127915100	50	0-60° C	120	600x400x200	10,8
AR-T/B 65		50	0-80° C	120	600x400x200	10,8
AR-T/B 65	040127919900	50	0-120° C	120	600x400x200	10,8
AR-T/B 65	040127924200	50	0-160° C	120	600x400x200	10,8
AR-T/B 65	040127934100	50	0-300° C	120	600x400x200	10,8
AR-T/B 65		50	0-400° C	120	600x400x200	10,8
AR-T/B 65	040127939100	50	0-500° C	120	600x400x200	10,8
AR-T/B 65	040151715100	100	0-60° C	150	660x400x250	14
AR-T/B 65		100	0-80° C	150	660x400x250	14
AR-T/B 65	040151719900	100	0-120° C	150	660x400x250	14
AR-T/B 65	040151724200	100	0-160° C	150	660x400x250	14
AR-T/B 65	040151734100	100	0-300° C	150	660x400x250	14
AR-T/B 65		100	0-400° C	150	660x400x250	14
AR-T/B 65	040151739100	100	0-500° C	150	660x400x250	14
AR-T/B 65		150	0-60° C	120	660x400x250	12,5
AR-T/B 65		150	0-80° C	120	660x400x250	12,5
AR-T/B 65	040165019900	150	0-120° C	120	660x400x250	12,5
AR-T/B 65	040165024200	150	0-160° C	120	660x400x250	12,5
AR-T/B 65	040165034100	150	0-300° C	120	660x400x250	12,5
AR-T/B 65		150	0-400° C	120	660x400x250	12,5
AR-T/B 65	040165039100	150	0-500° C	120	660x400x250	12,5
AR-T/B 65		200	0-60° C	100	660x400x250	12,5
AR-T/B 65		200	0-80° C	100	660x400x250	12,5
AR-T/B 65	040169619900	200	0-120° C	100	660x400x250	12,5
AR-T/B 65	040169624200	200	0-160° C	100	660x400x250	12,5
AR-T/B 65	040169634100	200	0-300° C	100	660x400x250	12,5
AR-T/B 65		200	0-400° C	100	660x400x250	12,5
AR-T/B 65	040169639100	200	0-500° C	100	660x400x250	12,5
AR-T/B 65		300	0-60° C	100	660x400x250	13,5
AR-T/B 65		300	0-80° C	100	660x400x250	13,5
AR-T/B 65	040177219900	300	0-120° C	100	660x400x250	13,5
AR-T/B 65	040177224200	300	0-160° C	100	660x400x250	13,5
AR-T/B 65	040177234100	300	0-300° C	100	660x400x250	13,5
AR-T/B 65		300	0-400° C	100	660x400x250	13,5
AR-T/B 65	040177239100	300	0-500° C	100	660x400x250	13,5
AR-T/B 65		400	0-400° C	100	660x400x250	14,5
AR-T/B 65	040179439100	400	0-500° C	100	660x400x250	14,5

On request: different stem length  
On request: threaded stem + nut +23% on pricelist

**FIG. 569 Ø 80**
*Zinc plated steel case, back stem.*

**MATERIALS**

Case	Zinc plated steel
Window	Clear resin/glass
Dial	Aluminium
Pointer	Resin/aluminium
Stem	Zinc plated steel Ø 9 mm
Temperature element	Bimetallic, spiralled

**TECHNICAL SPECIFICATIONS**

Design	UNI EN 13190
Temperature limits	Ambient: -20/+60° C Storage: -20/+60° C
Operating temperature	As per scale indication
Accuracy class	2
Degree of protection	IP41 per EN 60 529/IEC 529

**Diameter 80 mm**

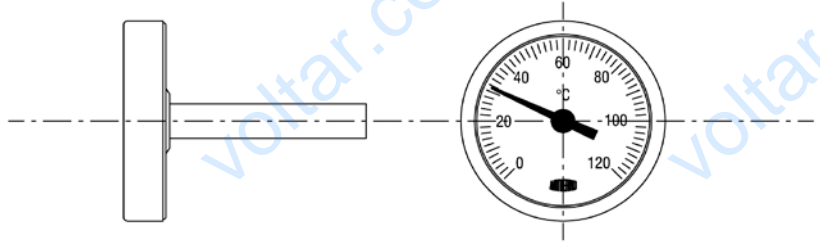
TYPE	CODE	STEM (mm)	TEMPERATURE RANGE	BOX	BOX DIMENSIONS (mm)	WEIGHT (kg)
AR-T/B 80	050127916000	50	0-60° C	120	600x400x200	15,2
AR-T/B 80		50	0-80° C	120	600x400x200	15,2
AR-T/B 80	050127920000	50	0-120° C	120	600x400x200	15,2
AR-T/B 80		50	0-160° C	120	600x400x200	15,2
AR-T/B 80	050127935000	50	0-300° C	120	600x400x200	15,2
AR-T/B 80		50	0-400° C	120	600x400x200	15,2
AR-T/B 80	050127938400	50	0-500° C	120	600x400x200	15,2
AR-T/B 80	050151716000	100	0-60° C	150	660x400x250	19,5
AR-T/B 80		100	0-80° C	150	660x400x250	19,5
AR-T/B 80	050151720000	100	0-120° C	150	660x400x250	19,5
AR-T/B 80		100	0-160° C	150	660x400x250	19,5
AR-T/B 80	050151735000	100	0-300° C	150	660x400x250	19,5
AR-T/B 80		100	0-400° C	150	660x400x250	19,5
AR-T/B 80	050151738400	100	0-500° C	150	660x400x250	19,5
AR-T/B 80		150	0-60° C	120	660x400x250	21
AR-T/B 80		150	0-80° C	120	660x400x250	21
AR-T/B 80	050165020000	150	0-120° C	120	660x400x250	21
AR-T/B 80		150	0-160° C	120	660x400x250	21
AR-T/B 80	050165035000	150	0-300° C	120	660x400x250	21
AR-T/B 80		150	0-400° C	120	660x400x250	21
AR-T/B 80	050165038400	150	0-500° C	120	660x400x250	21
AR-T/B 80		200	0-60° C	100	660x400x250	15
AR-T/B 80		200	0-80° C	100	660x400x250	15
AR-T/B 80	050169620000	200	0-120° C	100	660x400x250	15
AR-T/B 80		200	0-160° C	100	660x400x250	15
AR-T/B 80	050169635000	200	0-300° C	100	660x400x250	15
AR-T/B 80		200	0-400° C	100	660x400x250	15
AR-T/B 80	050169638400	200	0-500° C	100	660x400x250	15
AR-T/B 80		300	0-60° C	100	660x400x250	17
AR-T/B 80		300	0-80° C	100	660x400x250	17
AR-T/B 80	050177220000	300	0-120° C	100	660x400x250	17
AR-T/B 80		300	0-160° C	100	660x400x250	17
AR-T/B 80	050177235000	300	0-300° C	100	660x400x250	17
AR-T/B 80		300	0-400° C	100	660x400x250	17
AR-T/B 80	050177238400	300	0-500° C	100	660x400x250	17
AR-T/B 80		400	0-400° C	75	660x400x250	14,5
AR-T/B 80	050179438400	400	0-500° C	75	660x400x250	14,5

On request: different stem length

On request: threaded stem + nut +23% on pricelist

**FIG. 569 Ø 100**

Zinc plated steel case, back stem.



**MATERIALS**

Case	Zinc plated steel
Window	Clear resin/glass
Dial	Aluminium
Pointer	Resin/aluminium
Stem	Zinc plated steel Ø 9 mm
Temperature element	Bimetallic, spiralled

**TECHNICAL SPECIFICATIONS**

Design	UNI EN 13190
Temperature limits	Ambient: -20/+60° C Storage: -20/+60° C
Operating temperature	As per scale indication
Accuracy class	2
Degree of protection	IP41 per EN 60 529/IEC 529

**Diameter 100 mm**

TYPE	CODE	STEM (mm)	TEMPERATURE RANGE	BOX	BOX DIMENSIONS (mm)	WEIGHT (kg)
AR-T/B 100	060127915000	50	0-60° C	100	660x400x250	19
AR-T/B 100		50	0-80° C	100	660x400x250	19
AR-T/B 100	060127919800	50	0-120° C	100	660x400x250	19
AR-T/B 100		50	0-160° C	100	660x400x250	19
AR-T/B 100	060127935500	50	0-300° C	100	660x400x250	19
AR-T/B 100		50	0-400° C	100	660x400x250	19
AR-T/B 100	060127939300	50	0-500° C	100	660x400x250	19
AR-T/B 100	060151715000	100	0-60° C	100	660x400x250	20
AR-T/B 100		100	0-80° C	100	660x400x250	20
AR-T/B 100	060151719800	100	0-120° C	100	660x400x250	20
AR-T/B 100		100	0-160° C	100	660x400x250	20
AR-T/B 100	060151735500	100	0-300° C	100	660x400x250	20
AR-T/B 100		100	0-400° C	100	660x400x250	20
AR-T/B 100	060151739300	100	0-500° C	100	660x400x250	20
AR-T/B 100		150	0-60° C	80	660x400x250	17
AR-T/B 100		150	0-80° C	80	660x400x250	17
AR-T/B 100	060165019800	150	0-120° C	80	660x400x250	17
AR-T/B 100		150	0-160° C	80	660x400x250	17
AR-T/B 100	060165035500	150	0-300° C	80	660x400x250	17
AR-T/B 100		150	0-400° C	80	660x400x250	17
AR-T/B 100	060165039300	150	0-500° C	80	660x400x250	17
AR-T/B 100		200	0-60° C	80	660x400x250	18
AR-T/B 100		200	0-80° C	80	660x400x250	18
AR-T/B 100	060169619800	200	0-120° C	80	660x400x250	18
AR-T/B 100		200	0-160° C	80	660x400x250	18
AR-T/B 100	060169635500	200	0-300° C	80	660x400x250	18
AR-T/B 100		200	0-400° C	80	660x400x250	18
AR-T/B 100	060169639300	200	0-500° C	80	660x400x250	18
AR-T/B 100		300	0-60° C	50	660x400x250	13
AR-T/B 100		300	0-80° C	50	660x400x250	13
AR-T/B 100	060177219800	300	0-120° C	50	660x400x250	13
AR-T/B 100		300	0-160° C	50	660x400x250	13
AR-T/B 100	060177235500	300	0-300° C	50	660x400x250	13
AR-T/B 100		300	0-400° C	50	660x400x250	13
AR-T/B 100	060177239300	300	0-500° C	50	660x400x250	13
AR-T/B 100		400	0-400° C	50	660x400x250	13,50
AR-T/B 100	060179439300	400	0-500° C	50	660x400x250	13,50

On request: different stem length  
On request: threaded stem + nut +23% on pricelist

## Bimetallic Thermometers with Resin Case

APPLICATIONS: Heating, floor heating, pumping groups in solar systems, boilers.

### FIG. 569 Ø 40 Ø 50

Resin without frame/with frame.



TYPE	MODEL	CODE	DIAMETER	STEM (mm)	TEMPERATURE	BOX	BOX DIMENSIONS	WEIGHT (kg)
AR-T/B. RES 40	without frame	023200014800	Ø 40	27	0-60° C	350	600x400x200	6
AR-T/B. RES 40	without frame	023200016100	Ø 40	27	0-80° C	350	600x400x200	6
AR-T/B. RES 40	without frame	023200019800	Ø 40	27	0-120° C	350	600x400x200	6
AR-T/B. RES 40	without frame	023100014800	Ø 40	50	0-60° C	280	600x400x200	5
AR-T/B. RES 40	without frame	023100016100	Ø 40	50	0-80° C	280	600x400x200	5
AR-T/B. RES 40	without frame	023100019800	Ø 40	50	0-120° C	280	600x400x200	5
AR-T/B. RES 50	without frame	033008519800	Ø 50	25	0-120° C	350	600x400x200	6
AR-T/B. RES 50	without frame	033108524000	Ø 50	25	0-160° C	350	600x400x200	6
AR-T/B. RES 50	without frame	033027919800	Ø 50	50	0-120° C	280	600x400x200	5
AR-T/B. RES 50	without frame	033127924000	Ø 50	50	0-160° C	280	600x400x200	5
AR-T/B. RES 40	with frame	022900014800	Ø 40	27	0-60° C	350	600x400x200	6,5
AR-T/B. RES 40	with frame	022900016100	Ø 40	27	0-80° C	350	600x400x200	6,5
AR-T/B. RES 40	with frame	022900019800	Ø 40	27	0-120° C	350	600x400x200	6,5
AR-T/B. RES 40	with frame	023000014800	Ø 40	50	0-60° C	280	600x400x200	5,5
AR-T/B. RES 40	with frame	023000016100	Ø 40	50	0-80° C	280	600x400x200	5,5
AR-T/B. RES 40	with frame	023000019800	Ø 40	50	0-120° C	280	600x400x200	5,5
AR-T/B. RES 50	with frame	032908519800	Ø 50	25	0-120° C	350	600x400x200	6,5
AR-T/B. RES 50	with frame	033208524000	Ø 50	25	0-160° C	350	600x400x200	6,5
AR-T/B. RES 50	with frame	032927919800	Ø 50	50	0-120° C	280	600x400x200	5,5
AR-T/B. RES 50	with frame	033227924000	Ø 50	50	0-160° C	280	600x400x200	5,5

## Accessories for Bimetallic Thermometers

### POCKET FOR THERMOMETERS

MODEL	CODE	CONNECTION	LENGTH (mm)
BRASS POCKET WITH CLIP SPRING	903733000803	G 3/8 B	30
BRASS POCKET WITH COOP SPRING	903633000801	G 1/2 B	57
COPPER POCKET WITH COOP SPRING	903633000501	G 1/2 B	100
BRASS POCKET WITH SCREW	903633000813V	G 1/2 B	50
BRASS POCKET WITH SCREW	903633000815V	G 1/2 B	100
COPPER POCKET WITH SCREW	003633000541V	G 1/2 B	150
COPPER POCKET WITH SCREW	003633000542V	G 1/2 B	200

### CLIPS AND COOPS SPRINGS, GASKETS

MODEL	CODE
COOP SPRING	05034016201
CLIP SPRING	05034205PTZ
GASKET Ø40	17139252048
GASKET Ø50	17139250042
GASKET Ø65	17139250050

