



PRICE LIST 2022

Price list is valid from 1st July 2022. All previous price lists are not valid from this date. Prices are in EUR, without VAT and shipment. Manufacturer reserves right to change prices when costs or exchange rate change.

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THERMOMETERS AND MANOMETERS

(Calibration prices are listed at the end of the Price list)

Technical thermometers

Stainless steel thermometers

			EUR
Straight thermometer TR 60	up to 60 mm	stem – stainless steel	10,25
	100 mm	stem – stainless steel	10,70
	160 mm	stem – stainless steel	12,05
	250 mm	stem – stainless steel	13,25
	400 mm	stem – stainless steel	14,75
Straight thermometer TR 100	up to 60 mm	stem – stainless steel	11,85
	100 mm	stem – stainless steel	12,30
	160 mm	stem – stainless steel	12,75
	250 mm	stem – stainless steel	14,75
	400 mm	stem – stainless steel	19,00
	630 mm	stem – stainless steel	27,25
	1 000 mm	stem – stainless steel	36,20
1 500 mm	stem – stainless steel	46,90	
Straight thermometer TR 120	60 mm	stem – stainless steel	16,50
	100 mm	stem – stainless steel	16,95
	160 mm	stem – stainless steel	17,40
	250 mm	stem – stainless steel	18,75
	400 mm	stem – stainless steel	24,55
	630 mm	stem – stainless steel	30,85
	1 000 mm	stem – stainless steel	39,75
	1 500 mm	stem – stainless steel	55,85
Angle thermometer TU 60	100 mm	stem – stainless steel	19,20
	160 mm	stem – stainless steel	19,90
	250 mm	stem – stainless steel	21,25
	400 mm	stem – stainless steel	22,60
Angle thermometer TU 100	100 mm	stem – stainless steel	21,90
	160 mm	stem – stainless steel	22,60
	250 mm	stem – stainless steel	23,45
	400 mm	stem – stainless steel	26,35
	630 mm	stem – stainless steel	39,30
	1 000 mm	stem – stainless steel	47,80
	1 500 mm	stem – stainless steel	61,25
Angle thermometer TU 120	100 mm	stem – stainless steel	24,10
	160 mm	stem – stainless steel	25,00
	250 mm	stem – stainless steel	25,90
	400 mm	stem – stainless steel	29,95
	630 mm	stem – stainless steel	42,45
	1 000 mm	stem – stainless steel	52,30
	1 500 mm	stem – stainless steel	65,25
Plastic head thermometers			
Straight thermometer DTR	up to 160 mm	stem – stainless steel	14,10
	250 mm	stem – stainless steel	15,35
	400 mm	stem – stainless steel	19,85
	630 mm	stem – painted steel	32,80
	1 000 mm	stem – painted steel	35,85
	1 500 mm	stem – painted steel	49,10



EUR

Angle thermometer DTU	100 mm	stem – stainless steel	19,60
	160 mm	stem – stainless steel	20,05
	250 mm	stem – stainless steel	20,45
	400 mm	stem – stainless steel	24,75
	630 mm	stem – painted steel	37,55
	1 000 mm	stem – painted steel	44,35
	1 500 mm	stem – painted steel	56,10

Other technical thermometers

Contact thermometer DKR 250	to 160 mm		55,80
	250 mm		57,00
	400 mm		63,35
	630 mm		80,45

Thermometer TT60			7,15
Surface thermometer DTTR			12,15
Heat-conductive ring DTTR			0,85
Probing thermometer TRV			50,30

Thermometers for household


Wall thermometer VNT (plastic board with digital print)			24,30
Wall thermometer VNT-B (slate board with laser print)			29,00
Wall thermometer VNT-D (wooden composite board with laser print)			24,30
Stove capillary thermometer TKS 60			25,40
Flue gas thermometer TRS 60			19,45
Flue gas thermometer TRS 100			21,90
Wall thermometer DTN			20,70
Wall thermometer T 120 N			18,75
Sauna thermometer T 120 S			19,60
Thermometer for fruit preservation DTD 2			10,65
Thermometer for smokehouse, BBQ and grill (TR100, 0-260°C, stem length 250 mm)			21,90
Thermometer for smokehouse, BBQ and grill (TR100, 0-260°C, stem length 400 mm)			22,80
Thermometer for smokehouse, BBQ and grill (TR60, 0-260°C, stem length 100 mm)			17,65
Table thermometer DTST			11,10
Window thermometer DTOK			9,80

Capillary thermometers and manometers


Capillary thermometer TCS 48	capillary length 1 450 mm	6,80
Capillary thermometer TCS 60	capillary length 1 450 mm	6,80
Manometer MCS 48	capillary length 920 mm	17,85
Manotherm MTCC 60	capillary length 1 450 mm (therm. part) 920 mm (man. part)	20,20

Oven thermometers


Oven thermometer DTSP		23,90
Oven thermometer DIT 40.2		4,45
Oven thermometer DIT 41.1		6,20
Oven thermometer DIT 41.2		17,70

Accessories for thermometers and manometers



			EUR
Thermometer well	50 mm	painted (thread M20x1,5 or G1/2")	5,00
		chromed (thread M20x1,5 or G1/2")	5,85
		brass/copper, thread G1/2"	6,40
	65 mm	stainless steel PN40 (thread M20x1,5 or G1/2")	10,75
		painted (thread M20x1,5 or G1/2")	5,10
		chromed (thread M20x1,5 or G1/2")	5,90
	105 mm	brass/copper, thread G1/2"	6,50
		stainless steel PN40 (thread M20x1,5 or G1/2")	13,40
		painted (thread M20x1,5 or G1/2")	5,25
	165 mm	chromed (thread M20x1,5 or G1/2")	6,05
		brass/copper, thread G1/2"	6,60
		stainless steel PN40 (thread M20x1,5 or G1/2")	14,15
	255 mm	painted (thread M20x1,5 or G1/2")	5,40
		chromed (thread M20x1,5 or G1/2")	6,60
		brass/copper, thread G1/2"	7,25
	405 mm	stainless steel PN40 (thread M20x1,5 or G1/2")	18,90
		painted (thread M20x1,5 or G1/2")	5,45
		chromed (thread M20x1,5 or G1/2")	6,95
	635 mm	brass/copper, thread G1/2"	7,95
		painted (thread M20x1,5 or G1/2")	6,10
		chromed (thread M20x1,5 or G1/2")	7,60
	1 005 mm	painted (thread M20x1,5 or G1/2")	9,90
		chromed (thread M20x1,5 or G1/2")	12,15
		painted (thread M20x1,5)	12,75
	1 505 mm	chromed (thread M20x1,5)	15,00
		painted (thread M20x1,5)	15,60
		chromed (thread M20x1,5)	17,45
Weld-on piece stainless		(inner thread M20x1,5 or G1/2")	9,60
Weld-on piece steel		(inner thread M20x1,5 or G1/2")	3,35
Adjustable screw socket	for stem ø 8 mm	zinc coated – blue chromate	1,55
		chromed	1,95
	for stem ø 12 mm	zinc coated – blue chromate	1,65
		chromed	2,10
Back-pressure valve ZV4.4			2,50
Attachment (both variants of screw)			2,05
Accessories for TKS (both variants)			12,40

THERMOSTATS AND THERMAL CUTOUTS

Capillary thermostats and thermal cutouts

(Price for both angular and straight design of RT thermostat is the same.)



KR 10.DR	7-77 °C	capillary length	500 mm	2 terminals	7,60
KR 10	7-77 °C	capillary length	500 mm	2 terminals	7,60
KR 20	35-95 °C	capillary length	1 000 mm	2 terminals	7,75
KR 11.TR	7-77 °C	capillary length	1 000 mm	3 terminals	7,75
KR 11	7-77 °C	capillary length	500 mm	3 terminals	7,90
KR 21	35-95 °C	capillary length	1 000 mm	3 terminals	8,20

					EUR
RT 8801.01	0-40 °C	capillary length 1 000 mm	2 terminals		8,30
RT 8802.01A	35-95 °C	capillary length 1 459 mm	2 terminals		8,45
RT 8803.02	7-77 °C	capillary length 500 mm	2 terminals		8,15
RT 8804.01	50-190 °C	capillary length 1 000 mm	2 terminals		8,35
RT 8804.01	50-250 °C	capillary length 1 000 mm	2 terminals		8,45
RT 8804.01	50-320 °C	capillary length 1 000 mm	2 terminals		8,05
RT 8804.01	50-320 °C	capillary length 1 500 mm	2 terminals		8,15
RT 8801.011	0-40 °C	capillary length 1 000 mm	3 terminals		8,30
RT 8803.021	7-77 °C	capillary length 500 mm	3 terminals		9,10
RT 8804.011	50-190 °C	capillary length 1 000 mm	3 terminals		9,70
RT 8804.011	50-320 °C	capillary length 1 000 mm	3 terminals		9,70
RT 8824.011	-15-+310 °C	capillary length 1 500 mm	3 terminals		13,25
KNTP 8812.02	35-99 °C	capillary length 1 000 mm	single-pole	**	8,10
KNTP 8813.02	35-80 °C	capillary length 500 mm	single-pole	**	8,10
KNTP 8814.02	50-320 °C	capillary length 900 mm	single-pole	**	8,30
KNTP 8823.02	35-99 °C	capillary length 500 mm	double-pole	**	10,20
STB 89.76	85-110 °C	capillary length 2 000 mm	single-pole	**	10,00

Stem thermostats



TH 20					55,85
TH 140					53,20
TH 140 PZP 16				**	49,60
TH 141					52,75
TH 143					49,10
TH 144					48,70
TH 160		2 terminals, with cover			24,30
TH 160.1		2 terminals, without cover			24,30
TH 160.2		3 terminals			28,25
TH 162				**	25,00
TH 163					25,25
TH 164					25,45
TH 165				**	25,00
TH 166					25,00
TH 167					25,90
TH 167.1					27,70
TH 169					25,90
TH 220					64,80
TH 221					60,35
TH 260					111,30
TH 261					110,40
TH 810.2				**	40,20

Bimetallic thermostats and thermal cutouts



TH 470					7,55
TH 470.1					7,55
TH 470.2					8,00

	EUR
TH 472 RA / TH 472 ZA	* 8,05
TH 472 RB / TH 472 ZB	* 8,25
TH 472 RC / TH 472 ZC	* 8,25
TH 472 RD / TH 472 ZD	* 8,70
TH 473 RA / TH 473 ZA	* 9,35
TH 473 RB / TH 473 ZB	* 9,80
TH 476 RA	* 10,25
TH 476 RB	* 9,80
TH 480 RA / TH 480 ZA	* 9,80
TH 480 RB / TH 480 ZB	* 9,35
TH 480 RC / TH 480 ZC	* 9,35
TH 480 RD / TH 480 ZD	* 9,80
TH 490	8,90

Accessories for thermostats and thermal cutouts

Thermostat well	TH 20	8,35
	TH 140 + 143	8,70
	TH 140 PZP 16	7,45
	TH 141 + 144	7,20
	TH 160, TH 169	8,00
	TH 162 + TH 163	6,00
	TH 164 + TH 165	6,55
	TH 166	6,70
	TH 167	7,55
TH 140 – cover		1,75
Terminal cover		1,10
Button for capillary thermostat	white shaped button	0,75
	black flat button	0,75
	grey flat button	0,75
	black convex button	0,75
Button backplate	white backplate	0,45
	white printed backplate	0,65
	black backplate	0,45
Capillary cutout holder		0,30

HEAT COST ALLOCATORS, WATER METERS

(These products are distributed via authorized technical-business partners and are not intended for individual sale.
Please contact us for further informations.)



EUR

Heat cost allocators

Electronic heat cost allocators

E-ITN 30	2 temperature sensors	visual, IR, radio reading	31,40
E-ITN 30	2 temperature sensors, external sens.	visual, IR, radio reading	58,80
E-ITN 40	2 temperature sensors	visual, NFC, radio reading	39,20

Water meters and heat meters



Water meter JS02 DN 15 (Apator Powogaz)	modification for E-RM 30	17,60
Water meter JS02 DN 20 (Apator Powogaz)	modification for E-RM 30	21,60
Radio module E-RM 30		32,00
Water meter JS02 DN 15 / module E-RM 30 (10+1 yr.)	water meter including radio module	54,90
Water meter JS02 DN 20 / module E-RM 30 (10+1 yr.)	water meter including radio module	58,80

Household water meters Apator Powogaz	price upon request
Industrial water meters Apator Powogaz	price upon request
Combined water meters Apator Powogaz	price upon request
Heat meters Apator Powogaz	price upon request

Accessories for heat cost allocators and water meters

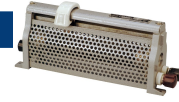
Accessories for heat cost allocators and water meters

Reading unit IRU 10.00	78,40
Reading unit RFU 35	240,00
Reading unit RFU 40	320,00
Panel antenna for RFU 35 or RFU 40 (8,7 dBi) including antenna cable	117,50
Antenna cable for panel antenna	31,40
Antenna reduction for panel antenna	31,40
Car antenna for RFU including antenna cable	117,50
Central reading system CRS 40	price upon request
Wireless M-BUS reading systems (Apator Telemetry/Apator Powogaz)	price upon request

Mounting lever for E-ITN 30	47,00
Labelled mechanical seal for E-ITN 10	0,50
Labelled mechanical seal for E-ITN 20/30	0,50
Seal for E-RM 30	0,30
Sealing pliers for E-RM 30	117,50

Extra pay for spacer 45	1,20
Extra pay for tubular radiator spacer	15,70
Clamp I	0,70
Clamp III	0,75
Clamp IV	0,85

Other products



EUR

Sliding cylindrical resistors - discount

OPK 200x30	0,16 A	3 900 Ω	57,60
OPK 200x30	0,25 A	1 850 Ω	57,60
OPK 200x30	0,4 A	580 Ω	57,60
OPK 200x30	0,63 A	200 Ω	57,60
OPK 200x30	1 A	100 Ω	68,05
OPK 200x30	1,6 A	42 Ω	68,05
OPK 200x30	4 A	6,4 Ω	68,05
OPK 200x30	6,3 A	2,2 Ω	70,20
OPK 300x45	0,16 A	9 800 Ω	75,10
OPK 300x45	0,25 A	4 600 Ω	75,10
OPK 300x45	0,4 A	1 450 Ω	75,10
OPK 300x45	0,63 A	500 Ω	75,10
OPK 300x45	1 A	250 Ω	79,80
OPK 300x45	1,6 A	105 Ω	79,80
OPK 300x45	4 A	16 Ω	90,25
OPK 300x45	6,3 A	5,5 Ω	94,30
OPK 500x60	0,16 A	23 400 Ω	86,85
OPK 500x60	0,25 A	10 000 Ω	86,85
OPK 500x60	0,4 A	3 500 Ω	86,85
OPK 500x60	0,63 A	1 200 Ω	86,85
OPK 500x60	1 A	570 Ω	91,10
OPK 500x60	1,6 A	250 Ω	96,40
OPK 500x60	4 A	39 Ω	117,15
OPK 500x60	6,3 A	13 Ω	130,55

Accessories for sliding cylindrical resistors

Dropper OPK 30 / Dropper OPK 45 / Dropper OPK 60	12,80
Roller OP	13,85
Clamp M4 OPK, OOPK	3,00
Clamp M5 OPK, OOPK	3,40

SERVICES

Calibration of bimetallic thermometers

Thermometers TR, TU, DTR, DTU, DKR

Calibration	-30-50 °C	7 calibration points	20,65
	0-120 °C	9 calibration points	20,65
	0-160 °C	7 calibration points	20,65
	0-200 °C	9 calibration points	23,45
	0-350 °C	6 calibration points	23,45
	0-450 °C	8 calibration points	25,85

Thermometers T 120 S / N, DTN

Calibration T 120 S / N		7 calibration points	20,65
Calibration DTN	-30-50 °C	9 calibration points	20,65
	-10-50 °C	7 calibration points	20,65

Other services

Logo on thermometer scale	up to 2 colours	EUR price upon request
Outsourcing		contract price

NOTES:

*) Prices are valid if at least 2000 pieces are ordered. For lesser orders, prices are calculated as follows:

Quantity (pcs)	Price (% of basic price)
1 – 10	1 000
11 – 100	600
101 – 500	300
501 – 2 000	150
≥ 2 000	100

***) Extra payment 2 EUR/pc is invoiced when less than 100 pcs is ordered.