

SOLAR THERMAL | HEATING
ACCESSORIES | BUILDING MANAGEMENT
VISUALISATION
MADE IN GERMANY

2020 | EN
PRICE LIST



Solar & system controllers

Article no.	Article	Price bracket	List price
115 211 23	DeltaSol® A – Differential temperature controller	A	106,70 €
115 211 33	DeltaSol® A – Full kit » incl. 2 Pt1000 sensors (1 x FKP6, 1 x FRP6)	A	129,40 €
115 211 73	DeltaSol® AX – Differential temperature controller	A	124,80 €
115 211 83	DeltaSol® AX – Full kit » incl. 2 Pt1000 sensors (1 x FKP6, 1 x FRP6)	A	147,50 €
115 213 43	DeltaSol® AX HE – Differential temperature controller	A	132,80 €
115 213 53	DeltaSol® AX HE – Full kit » incl. 2 Pt1000 sensors (1 x FKP6, 1 x FRP6)	A	155,40 €
115 325 93	DeltaSol® AL E HE – Solar controller	A	308,60 €
115 326 03	DeltaSol® AL E HE – Full kit » incl. 3 Pt1000 sensors (1x FKP6, 2x FRP6)	A	342,10 €
115 004 73	DeltaSol® CS/2 – Solar controller	A	246,90 €
115 004 63	DeltaSol® CS/2 – Full kit » incl. 3 Pt1000 sensors (1 x FKP6, 2 x FRP6)	A	281,10 €
115 004 53	DeltaSol® CS/4 – Solar controller	A	259,00 €
115 004 43	DeltaSol® CS/4 – Full kit » incl. 3 Pt1000 sensors (1 x FKP6, 2 x FRP6)	A	293,10 €
115 003 13	DeltaSol® CS Plus – Solar controller	A	311,40 €
115 003 03	DeltaSol® CS Plus – Full kit » incl. 4 Pt1000 sensors (2 x FKP6, 2 x FRP6)	A	357,50 €
115 412 33	DeltaSol® BS/2 – Solar controller	A	254,30 €
115 412 43	DeltaSol® BS/2 – Full kit » incl. 3 Pt1000 sensors (1 x FKP6, 2 x FRP6)	A	280,40 €
115 425 13	DeltaSol® BS/4 – Solar controller	A	259,10 €
115 425 23	DeltaSol® BS/4 – Full kit » incl. 3 Pt1000 sensors (1 x FKP6, 2 x FRP6)	A	292,40 €
115 422 03	DeltaSol® BS Plus – Solar controller	A	311,50 €
115 422 13	DeltaSol® BS Plus – Full kit » incl. 4 Pt1000 sensors (2 x FKP6, 2 x FRP6)	A	357,50 €
115 431 53	DeltaSol® SLL – Solar controller	A	298,90 €
115 431 63	DeltaSol® SLL – Full kit » incl. 3 Pt1000 sensors (1 x FKP6, 2 x FRP6)	A	332,30 €
115 003 33	DeltaSol® SL – Solar controller	A	330,70 €
115 003 43	DeltaSol® SL – Full kit » incl. 4 Pt1000 sensors (2 x FKP6, 2 x FRP6)	A	375,90 €
115 450 03	DeltaSol® BX – Solar controller	A	360,60 €
115 450 13	DeltaSol® BX – Full kit » incl. 5 Pt1000 sensors (2 x FKP6, 3 x FRP6)	A	416,60 €
115 000 03	DeltaSol® BX L – Solar controller	A	345,00 €
115 000 13	DeltaSol® BX L – Full kit » incl. 5 Pt1000 sensors (2 x FKP6, 3 x FRP6)	A	401,10 €
115 005 33	DeltaSol® SLT – System controller	A	352,40 €
115 004 93	DeltaSol® SLT – Full kit » incl. 4 Pt1000 sensors (2 x FKP6, 2 x FRP6)	A	397,50 €
115 001 33	DeltaSol® BX Plus – System controller	A	427,70 €
115 001 43	DeltaSol® BX Plus – Full kit » incl. 5 Pt1000 sensors (2 x FKP6, 3 x FRP6)	A	483,60 €
115 992 03	DeltaSol® MX – System controller	A	616,20 €
115 992 13	DeltaSol® MX – Full kit » incl. 6 Pt1000 sensors (2 x FKP6, 4 x FRP6)	A	682,90 €



Swimming pool controllers

Article no.	Article	Price bracket	List price
115 661 73	DeltaSol® Pool – Swimming pool controller	A	452,70 €
115 661 83	DeltaSol® Pool – Full kit » incl. 3 Pt1000 sensors (1 x FKP6, 2 x FRP6)	A	485,90 €
115 662 93	DeltaSol® Minipool – Swimming pool controller	A	320,00 €
115 663 03	DeltaSol® Minipool – Full kit » incl. 3 Pt1000 sensors (1 x FKP6, 2 x FRP6)	A	352,50 €



DHW exchange controllers

Article no.	Article	Price bracket	List price
	DeltaSol® Fresh – DHW exchange controller (solutions for the control of OEM DHW exchange modules)	A	Price on request



Heating controllers

Article no.	Article	Price bracket	List price
115 005 23	DeltaTherm® HC mini – Heating controller	A	353,40 €
115 005 13	DeltaTherm® HC mini – Full kit » incl. 3 Pt1000 sensors (1 x FAP13, 1 x FKP23, 1 x FRP6)	A	393,20 €
115 002 53	DeltaTherm® HC – Heating controller	A	428,00 €
115 002 63	DeltaTherm® HC – Full kit » incl. 5 Pt1000 sensors (1 x FAP13, 1 x FKP23, 3 x FRP6)	A	489,40 €
115 005 73	DeltaTherm® HC – ErP 6 kit » incl. 1 x FAP13, 1 x RCP12, 1 x FKP23, 1 x FRP6	A	521,80 €
115 005 83	DeltaTherm® HC – ErP 8 kit » incl. 1 x FKP23, 1 x FRP6, 1 x RCP12, 2 x FRP12	A	564,30 €
115 006 73	DeltaTherm® HC MAX – Heating controller	A	624,90 €
115 006 83	DeltaTherm® HC MAX – Full kit » incl. 5 Pt1000 sensors (1 x FAP13, 1 x FKP23, 3 x FRP6)	A	687,80 €
115 006 93	DeltaTherm® HC MAX – ErP 6 kit » incl. 1 x FAP13, 1 x RCP12, 1 x FKP23, 1 x FRP6	A	735,70 €
115 007 03	DeltaTherm® HC MAX – ErP 8 kit » incl. 1 x FKP23, 1 x FRP6, 1 x RCP12, 2 x FRP12	A	780,20 €
115 002 83	DeltaTherm® FK – Solid fuel boiler controller	A	330,70 €
115 002 93	DeltaTherm® FK – Full kit » incl. 3 Pt1000 sensors (1 x FKP6, 2 x FRP6)	A	364,10 €



Heat transfer

Article no.	Article	Price bracket	List price
115 006 03	DeltaTherm® HT – Heating circuit controller for heat interface units	A	343,00 €
115 006 13	DeltaTherm® HT – Full kit » incl. 3 Pt1000 sensors (2 x FKP23, 1 x FAP13)	A	386,50 €



Controller spare parts & accessories

Article no.	Article	Price bracket	List price
145 440 80	EM Extension Module	A	228,80 €
145 441 20	EM-HP Extension Module	A	242,40 €
290 018 30	Spare glass fuses T4 A – bag with fuses 10 x T4 A	C	3,50 €
290 029 90	Spare glass fuses T6.3 A – bag with fuses, 10 x T6.3 A	C	3,70 €
290 030 60	Spare glass fuses T0.2 A – bag with fuses 10 x T0.2 A	C	4,10 €
290 030 50	Spare glass fuses T1.0 A – bag with fuses 10 x T1.0 A	C	3,50 €
290 030 20	Spare glass fuses T0.8 A – bag with fuses 10 x T0.8 A	C	5,50 €
290 030 00	Spare glass fuses T2.0 A – bag with fuses 10 x T2.0 A	C	3,50 €
280 001 20	Spare can fuses T4 A – bag with fuses, 10 x T4 A	C	4,10 €
290 004 70	Spare can fuses T6.3 A – bag with fuses, 10 x T6.3 A	C	5,90 €
112 041 33	JST adapter cable	C	3,00 €
280 002 60	HR230 Auxiliary relay – single-phase, suitable for all RESOL controllers	A	36,70 €
280 003 10	HRG2 Housing – for up to 2 HR230 Auxiliary relays	A	11,00 €
280 033 50	HR230/3 Auxiliary relay – three-phase	A	89,30 €
280 033 60	HRG3 Housing – for 1 HR230/3 Auxiliary relay	A	24,10 €
180 007 41	MicroSD card – 4 GB memory capacity » incl. adapter	C	7,50 €
290 006 20	Calorimeter extension kit 2 » consisting of 2 x FRP30, 1 x V40-15 flowmeter	B	134,20 €
290 006 30	Calorimeter extension kit 3 » consisting of 2 x FRP30, 1 x V40-25 flowmeter	B	134,20 €
290 013 60	Calorimeter extension kit 4 » consisting of 2 x FRP30, 1 x V40-35 flowmeter	B	310,20 €
290 013 70	Calorimeter extension kit 5 » consisting of 2 x FRP30, 1 x V40-60 flowmeter	B	310,20 €
290 013 80	Calorimeter extension kit 6 » consisting of 2 x FRP30, 1 x V40-100 flowmeter	B	448,70 €
290 013 90	Calorimeter extension kit 7 » consisting of 2 x FRP30, 1 x V40-150 flowmeter	B	661,80 €



Pump stations & accessories

Article no.	Article	Price bracket	List price
290 018 73	FlowSol® S – DeltaSol® BS/2 – Single-line pump station » incl. 3 sensors (1 x FKP6, 2 x FRP6)	A	501,80 €
290 018 83	FlowSol® S – DeltaSol® BS/4 – Single-line pump station » incl. 3 sensors (1 x FKP6, 2 x FRP6)	A	509,90 €
290 018 93	FlowSol® S – DeltaSol® BS Plus – Single-line pump station » incl. 4 sensors (2 x FKP6, 2 x FRP6)	A	523,20 €
290 028 43	FlowSol® S HE – DeltaSol® CS/2 – Single-line pump station » incl. 3 sensors (1 x FKP6, 2 x FRP6)	A	650,90 €
290 028 53	FlowSol® S HE – DeltaSol® CS/4 – Single-line pump station » incl. 3 sensors (1 x FKP6, 2 x FRP6)	A	664,90 €
290 028 63	FlowSol® S HE – DeltaSol® CS Plus – Single-line pump station » incl. 4 sensors (2 x FKP6, 2 x FRP6)	A	676,40 €
290 019 43	FlowSol® B – DeltaSol® BS/2 – Twin-line pump station » incl. 3 sensors (1 x FKP6, 2 x FRP6)	A	583,80 €
290 019 53	FlowSol® B – DeltaSol® BS/4 – Twin-line pump station » incl. 3 sensors (1 x FKP6, 2 x FRP6)	A	592,00 €
290 019 63	FlowSol® B – DeltaSol® BS Plus – Twin-line pump station » incl. 4 sensors (2 x FKP6, 2 x FRP6)	A	605,30 €
290 020 33	FlowSol® B – DeltaSol® BX – Twin-line pump station » incl. 5 sensors (2 x FKP6, 3 x FRP6)	A	680,90 €
290 020 43	FlowSol® B – DeltaSol® BX L – Twin-line pump station » incl. 5 sensors (2 x FKP6, 3 x FRP6)	A	690,80 €
290 020 53	FlowSol® B – DeltaSol® BX Plus – Twin-line pump station » incl. 5 sensors (2 x FKP6, 3 x FRP6)	A	853,60 €
290 028 13	FlowSol® B HE – DeltaSol® CS/2 – Twin-line pump station » incl. 3 sensors (1 x FKP6, 2 x FRP6)	A	733,40 €
290 028 23	FlowSol® B HE – DeltaSol® CS/4 – Twin-line pump station » incl. 3 sensors (1 x FKP6, 2 x FRP6)	A	747,50 €
290 028 33	FlowSol® B HE – DeltaSol® CS Plus – Twin-line pump station » incl. 4 sensors (2 x FKP6, 2 x FRP6)	A	759,10 €
290 022 63	FlowSol® B HE – DeltaSol® BX – Twin-line pump station » incl. 5 sensors (2 x FKP6, 3 x FRP6)	A	847,50 €
290 022 83	FlowSol® B HE – DeltaSol® BX Plus – Twin-line pump station » incl. 5 sensors (2 x FKP6, 3 x FRP6)	A	992,20 €
290 029 03	FlowSol® B HE – DeltaSol® SL – Twin-line pump station » incl. 4 sensors (2 x FKP6, 2 x FRP6)	A	814,00 €
290 029 23	FlowSol® B HE – DeltaSol® SLL – Twin-line pump station » incl. 3 sensors (1 x FKP6, 2 x FRP6)	A	760,40 €
290 029 63	FlowSol® B HE – DeltaSol® SLT – Twin-line pump station » incl. 4 sensors (2 x FKP6, 2 x FRP6)	A	841,00 €
290 023 93	FlowSol® XL – DeltaSol® BX Plus – Twin-line pump station » incl. 5 sensors (2 x FKP6, 3 x FRP6)	A	1395,70 €
290 026 83	FlowSol® XL – without controller – Wilo Stratos PARA 15/1-9	A	1056,80 €
280 004 60	Wall mounting for diaphragm-type expansion vessel	B	36,70 €
280 005 40	Filling and injection pump with non-return valve	B	74,40 €
280 008 90	Self-sealing double nipples ¾" ET	B	2,90 €
280 016 60	Dirt trap DN25 with fine sieve	B	32,10 €
280 014 50	Cutting ring fitting ¾" to 15 mm	B	3,10 €
280 014 80	Cutting ring fitting ¾" to 18 mm	B	3,50 €
280 014 60	Cutting ring fitting ¾" to 22 mm	B	3,40 €
280 004 92	ALS15 discharge hose	B	16,60 €
280 004 91	LT20 air separator	B	30,50 €
280 004 90	VM1020 flowmeter	B	53,20 €
280 006 10	WILO ST 15/6 ECO pump » incl. connection cable and 2 seals	B	140,50 €
280 006 20	WILO ST 15/7 ECO pump » incl. connection cable and 2 seals	B	171,80 €
112 041 95	WILO Para ST 15/7 HE pump » incl. connection cable and 2 seals	B	162,40 €



PV heating

Article no.	Article	Price bracket	List price
112 199 33	FlowSol® E – DeltaTherm® E – Electrothermal station (heating water) » incl. DeltaTherm® E controller, power unit and measuring unit	A	3019,00 €
290 030 90	Spare fuses FlowSol® E – bag with fuses 3 x T16A, 3 x F5A, 3 x T2A	C	8,80 €
115 006 53	DeltaTherm® PV – Power-to-Heat controller – Full kit » incl. measuring unit, 3 current sensors and 1 Pt1000 sensor (FRP6)	B	1009,00 €
290 030 80	Spare fuses DeltaTherm® PV – bag with fuses 3 x T16A and 3 x F16 A	C	9,40 €
180 112 00	Electric immersion heater 3 kW 230V~ (1½") » incl. connection cable	B	220,00 €
115 007 13	DeltaTherm® PHM – Full kit » incl. sensor module, 3 current sensors and 3 Pt1000 sensors (FRP6)	A	665,00 €



Dataloggers & VBus® accessories

Article no.	Article	Price bracket	List price
180 012 10	KM2 Communication module » incl. RESOL service CD, network cable and mains adapter, VBus® cable pre-connected	A	208,90 €
180 007 10	DL2 Datalogger » incl. SD card and network cable, mains adapter and VBus® cable pre-connected	A	328,10 €
112 111 71	Spare part / Mains adapter » incl. Interchangeable mains adapter plugs	C	13,50 €
180 009 90	DL3 Datalogger » incl. SD card, mains adapter, network and VBus® cable	A	713,20 €
180 008 50	VBus®/USB interface adapter – PC connection kit for controllers with VBus® » incl. Service CD	B	63,60 €
180 008 80	VBus®/LAN interface adapter – network connection set for controllers with VBus® » incl. Service CD	B	114,70 €
180 012 50	VBus®/Modbus interface adapter – for communication via Modbus TCP/IP	B	307,60 €
180 012 60	VBus®/CANopen interface adapter – for connection of the controller to a CAN bus device	B	114,70 €
180 012 70	VBus®/BACnet interface adapter– for communication via BACnet/IP	B	471,00 €
180 010 40	VBus®-Repeater – VBus® signal amplifier	B	112,80 €
180 004 90	SD3 Smart Display – Display module for the living area	A	190,50 €
180 010 80	SDFK Smart Display – Display module for the living area	A	190,50 €
112 112 12	SDFK Smart Display – Software adaptation	C	75,00 €
180 008 70	AM1 Alarm module for signalling system failures	B	72,30 €



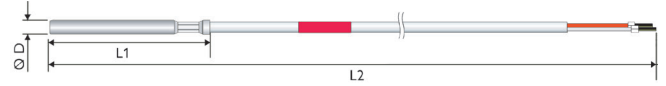
Tools & HE accessories

Article no.	Article	Price bracket	List price
280 010 90	SBS 2000 filling and flushing station	B	557,50 €
280 012 93	SBS 2000 filling and flushing station – 230 V~ AUS Plug	B	571,10 €
280 010 93	SBS 2000 filling and flushing station – 230 V~ UK Plug	B	571,10 €
280 011 93	SBS 2000 filling and flushing station – 115 V~ UK Plug	B	701,80 €
280 010 97	SBS 2000 filling and flushing station – 115 V~ US Plug	B	701,80 €
280 050 60	Set of 2 ball valves with butterfly handles for pressure and flushing hose (2 pieces)	C	17,60 €
280 050 70	Extension cable 5 m (black) (suitable for 280 010 90 only)	C	15,50 €
280 044 20	SBS 2000 wheel kit (2 x wheel, 1 x axle)	C	33,50 €
280 050 30	Spare part / Tank lid	C	15,20 €
280 050 40	Spare part / Drain valve for the tank	C	5,50 €
280 050 50	Spare part / Dirt filter	C	5,80 €
290 000 10	Tyfocor® L – Heat transfer fluid	B	59,00 €
290 000 20	Tyfocor® LS – Heat transfer fluid	B	37,10 €
280 016 50	HE-Check – Testing device for PWM and 0-10 V signals	B	274,10 €
112 122 02	HE-Check – Calibration service	C	59,00 €
180 010 50	PSW Basic – Pump signal converter	B	72,30 €
180 010 90	PSW Premium – Pump signal converter	B	82,50 €
180 010 60	PSW Universal – Pump signal converter	B	134,10 €
180 011 90	PSW Basic Set – incl. Wilo PARA ST 25/7 pump (130 mm)	B	239,40 €
180 011 80	PSW Basic Set – incl. Wilo PARA ST 15/7.0-PWM2 pump (130 mm)	B	235,00 €
180 012 00	PSW Basic Set – incl. Wilo PARA ST 25/7 pump (180 mm)	B	243,80 €
180 011 13	PSW Premium Set – incl. Wilo PARA ST 15/7.0-PWM2 pump (130 mm)	B	251,40 €
180 011 23	PSW Premium Set – incl. Wilo PARA ST 25/7 pump (130 mm)	B	255,80 €
180 011 53	PSW Premium Set – incl. Wilo PARA ST 25/7 pump (180 mm)	B	263,30 €
290 009 20	Test box	B	201,00 €
290 000 60	Test and indication badges (25 pieces)	C	15,70 €
290 001 10	pH test strips (84 pieces)	C	14,60 €
280 009 60	Refractometer set for exact determination of the antifreeze concentration	B	49,80 €
280 006 00	Refractometer set for exact determination of the cloud point	B	59,80 €



Thermostats, measuring instruments & calorimeters

Article no.	Article	Price bracket	List price
125 111 03	TT2 Thermostat controller	A	161,10 €
125 111 13	TT2 Thermostat controller – Full kit » incl. 1 Pt1000 sensor (FKP6)	A	172,40 €
125 111 23	TT2 Thermostat controller – Full kit » incl. 1 Pt1000 sensor (FKP6) and RCTT Remote control	A	210,20 €
136 000 60	RCTT Remote control	A	46,90 €
136 112 63	EC1 Variable controller for circulation systems – Full kit » incl. FS08 flow switch	A	246,70 €
256 011 10	FS07 Flow switch (230 V~ version; not suitable for EC1)	A	139,20 €
256 011 00	FS08 Flow switch (suitable for EC1)	A	126,70 €
135 307 23	WMZ Plus – Calorimeter module	B	141,30 €
135 307 43	WMZ Plus – Full kit » incl. 2 Pt1000 sensors (2 x FRP30) and V40-15 flowmeter	B	263,60 €
135 307 53	WMZ Plus – Full kit » incl. 2 Pt1000 sensors (2 x FRP30) and V40-25 flowmeter	B	263,60 €
135 307 63	WMZ Plus – Full kit » incl. 2 Pt1000 sensors (2 x FRP30) and V40-35 flowmeter	B	423,00 €
135 307 73	WMZ Plus – Full kit » incl. 2 Pt1000 sensors (2 x FRP30) and V40-60 flowmeter	B	423,00 €
135 307 83	WMZ Plus – Full kit » incl. 2 Pt1000 sensors (2 x FRP30) and V40-100 flowmeter	B	571,30 €
135 307 93	WMZ Plus – Full kit » incl. 2 Pt1000 sensors (2 x FRP30) and V40-150 flowmeter	B	793,80 €
280 016 80	V40-15 flowmeter	B	120,70 €
280 011 20	V40-25 flowmeter	B	120,70 €
280 013 60	V40-35 flowmeter	B	299,90 €
280 013 70	V40-60 flowmeter	B	299,90 €
280 013 80	V40-100 flowmeter	B	443,90 €
280 013 90	V40-150 flowmeter	B	666,20 €

**Semiconductor sensors** (spare part for older product series) KTY version

Article no.	Article	Ø D	L1 (mm)	L2 (mm)	Material	Application	Temperature range	Price bracket	List price
151 000 20	FKY6	6	45	1500	Silicone cable	Collector	-50°C ... +180°C	A	19,10 €
151 000 80	FRY6	6	45	2500	PVC cable	Store	-5 ... +80°C	A	17,00 €

Pt500 temperature sensors (for installation into immersion sleeves)

Article no.	Article	Ø D	L1 (mm)	L2 (mm)	Material	Application	Temperature range	Price bracket	List price
155 009 20	FKP6/500	6	45	2500	Silicone cable	Collector	-50°C ... +180°C	A	11,20 €
155 006 80	FRP6/500	6	45	2500	PVC cable	Store	-5 ... +80°C	A	8,50 €

Pt1000 temperature sensors (for installation into immersion sleeves)The standard temperature sensors for collectors and stores are **printed in bold**.

Article no.	Article	Ø D	L1 (mm)	L2 (mm)	Material	Application	Temperature range	Price bracket	List price
155 000 10	FKP4	4	40	1000	Silicone cable	Collector	-50°C ... +180°C	A	22,10 €
155 003 10	FKP5,5	5,5	28	1500	Silicone cable	Collector	-50°C ... +180°C	A	20,30 €
155 003 20	FRP5,5	5,5	28	2500	PVC cable	Store	-5°C ... +80°C	A	18,40 €
155 000 80	FRP6	6	45	2500	PVC cable	Store	-5°C ... +90°C	A	16,20 €
155 000 20	FKP6	6	45	1500	Silicone cable	Collector	-50°C ... +180°C	A	18,20 €
155 004 40	FKP6	6	45	2500	Silicone cable	Collector	-50°C ... +180°C	A	20,80 €
155 004 50	FKP6	6	45	5000	Silicone cable	Collector	-50°C ... +180°C	A	27,90 €
155 006 10	FKP6	6	45	20000	Silicone cable	Collector	-50°C ... +180°C	A	36,90 €

High-temperature sensors (for temperatures up to 300 °C) Pt1000 version

Article no.	Article	Ø D	L1 (mm)	L2 (mm)	Material	Application	Temperature range	Price bracket	List price
155 001 10	FKP4/H	4	40	1000	PFA cable	Collector	-50°C ... + 250°C	A	31,00 €
155 001 20	FKP6/H	6	46	1500	Silicone cable	Collector	-50°C ... 230°C	A	30,00 €

Flatscrew sensors (for installation on plane surfaces) Pt1000 version

Article no.	Article	L1 (mm)	L2 (mm)	Material	Application	Temperature range	Price bracket	List price
155 003 60	FKP9	32	1500	Silicone cable	Collector	-50°C ... +180°C	A	27,70 €
155 003 70	FRP9	32	2500	PVC cable	Store	-5°C ... + 80°C	A	25,30 €

Cylindrical clip-on sensors (for surface mounting on tubes) Pt1000 version

Article no.	Article	Ø D	L1 (mm)	L2 (mm)	Material	Application	Temperature range	Price bracket	List price
155 009 60	FKP23	15	30	2500	Silicone cable	Collector	-50°C ... +180°C	A	27,20 €
155 008 80	FRP22	6	39	2500	PVC cable	Store	-5°C ... + 80°C	A	26,30 €

FKP23 incl. 1 pipe clip and heat conductive paste

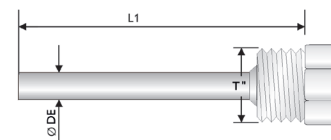
FRP22 incl. 1 bracket, 1 cable tie (up to 105 °C) and heat conductive paste

Complete sensors (Temperature sensors complete with immersion sleeve and strain relief)

Article no.	Article	Sensor	Immersion depth (mm)	Material	Temperature range	Price bracket	List price
155 001 90	FKP30	FKP5,5	30	Brass	-50°C ... +180°C	A	27,60 €
155 002 80	FRP30	FRP5,5	30	Brass	-5°C ... + 80°C	A	25,30 €
155 002 00	FKP45	FKP6	45	Brass	-50°C ... +180°C	A	27,70 €
155 002 10	FRP45	FRP6	45	Brass	-5°C ... + 80°C	A	25,40 €
155 002 20	FKP60	FKP6	60	Copper	-50°C ... +180°C	A	28,20 €
155 002 30	FRP60	FRP6	60	Copper	-5°C ... + 80°C	A	25,90 €
155 002 40	FKP100	FKP6	100	Copper	-50°C ... +180°C	A	28,60 €
155 002 50	FRP100	FRP6	100	Copper	-5°C ... + 80°C	A	26,20 €
155 002 60	FKP150	FKP6	150	Copper	-50°C ... +180°C	A	28,60 €
155 002 70	FRP150	FRP6	150	Copper	-5°C ... + 80°C	A	26,50 €
155 006 60	FKP30V	FKP6	30	Stainless steel	-50°C ... +180°C	A	43,20 €
155 006 70	FRP30V	FRP6	30	Stainless steel	-5°C ... + 80°C	A	41,10 €
155 003 80	FKP60V	FKP6	60	Stainless steel	-50°C ... +180°C	A	44,60 €
155 003 90	FRP60V	FRP6	60	Stainless steel	-5°C ... + 80°C	A	41,30 €
155 004 00	FKP100V	FKP6	100	Stainless steel	-50°C ... +180°C	A	43,90 €
155 004 10	FRP100V	FRP6	100	Stainless steel	-5°C ... + 80°C	A	41,80 €
155 004 20	FKP150V	FKP6	150	Stainless steel	-50°C ... +180°C	A	44,50 €
155 004 30	FRP150V	FRP6	150	Stainless steel	-5°C ... + 80°C	A	42,30 €

Sensor extension cable

Article no.	Article	Price bracket	List price
280 051 00	Sensor extension cable PVC LIYY 2 x 0,5 mm ² (100 m cable coil)	C	32,80 €


Immersion sleeves (NPT versions available on request!)

Article no.	Article	∅ DE	∅ DI	L1 (mm)	T"	Material	Price bracket	List price
280 005 60	TH30	9	6.2	30	1/2	Nickel-plated brass	A	7,90 €
280 000 30	TH45	10	6.2	45	1/2	Nickel-plated brass	A	9,00 €
280 000 40	TH60	8	6.2	60	1/2	Nickel-plated copper/brass	A	9,65 €
280 000 50	TH100	8	6.2	100	1/2	Nickel-plated copper/brass	A	11,30 €
280 000 60	TH150	8	6.2	150	1/2	Nickel-plated copper/brass	A	12,00 €
280 000 70	TH200	8	6.2	200	1/2	Nickel-plated copper/brass	A	12,10 €
280 000 90	TH300	8	6.2	300	1/2	Nickel-plated copper/brass	A	18,70 €
280 012 30	TH30V	8	6.2	30	1/2	Stainless steel	A	25,00 €
280 010 20	TH45V	8	6.2	45	1/2	Stainless steel	A	25,10 €
280 001 00	TH60V	8	6.2	60	1/2	Stainless steel	A	25,30 €
290 002 20	TH60V/4 (for FKP4/H high-temperature sensor)	5	4.2	60	1/2	Stainless steel	A	24,20 €
280 002 10	TH100V	8	6.2	100	1/2	Stainless steel	A	25,70 €
290 002 30	TH100V/4 (for FKP4/H high-temperature sensor)	5	4.2	100	1/2	Stainless steel	A	24,80 €
280 002 20	TH150V	8	6.2	150	1/2	Stainless steel	A	26,40 €
280 002 30	TH200V	8	6.2	200	1/2	Stainless steel	A	27,80 €
280 012 70	TH300V	8	6.2	300	1/2	Stainless steel	A	31,30 €
290 002 50	TH400V	8	6.2	400	1/2	Stainless steel	A	46,20 €
280 005 90	TH500V	8	6.2	500	1/2	Stainless steel	A	48,00 €

Grundfos Direct Sensors™

Article no.	Article	Price bracket	List price
130 000 20	VFS 1-12 I (Solar/DHW) – analogue sensor » incl. fitting, insert and connection cable	B	99,20 €
130 002 00	VFS 1-12 I (Heating) – analogue sensor » incl. fitting, insert and connection cable	B	99,20 €
130 000 30	VFS 2-40 I (Solar/DHW) – analogue sensor » incl. fitting, insert and connection cable	B	101,40 €
130 002 10	VFS 2-40 I (Heating) – analogue sensor » incl. fitting, insert and connection cable	B	101,40 €
130 000 40	RPS 0-10 bar (Solar/DHW) – analogue sensor » incl. fitting and connection cable	B	41,10 €
130 002 20	RPS 0-10 bar (Heating) – analogue sensor » incl. fitting and connection cable	B	41,10 €

Grundfos Direct Sensors™ – For the DeltaSol® AL E HE, BX Plus, MX, CS series and DeltaTherm® HC, HC MAX only:

Article no.	Article	Price bracket	List price
130 000 80	VFD 1-12 I (Solar/DHW) – digital sensor » incl. fitting, insert and connection cable	B	99,20 €
130 002 30	VFD 1-12 I (Heating) – digital sensor » incl. fitting, insert and connection cable	B	99,20 €
130 001 00	VFD 2-40 I (Solar/DHW) – digital sensor » incl. fitting, insert and connection cable	B	101,40 €
130 002 40	VFD 2-40 I (Heating) – digital sensor » incl. fitting, insert and connection cable	B	101,40 €
130 000 90	RPD 0-10 bar (Solar/DHW) – digital sensor » incl. fitting and connection cable	B	41,10 €
130 002 50	RPD 0-10 bar (Heating) – digital sensor » incl. fitting and connection cable	B	41,10 €

Grundfos Direct Sensors™ – Connection cables in different lengths:

Article no.	Article	Price bracket	List price
280 040 40	Connection cable 0.4 m (for pressure and flow rate sensor)	B	5,50 €
280 040 66	Connection cable 0.65 m (for pressure and flow rate sensor)	B	5,90 €

Miscellaneous

Article no.	Article	Price bracket	List price
130 003 00	FRH humidity sensor (analogue) » incl. JST connection cable	A	76,50 €
130 003 10	FRHd humidity sensor (digital) » incl. JST connection cable	A	82,00 €
155 009 00	TS10 Dew point switch	B	187,00 €
155 005 80	T22 T-piece sensor – 22 mm	A	38,60 €
280 000 10	Heat conductive paste (3,5 g)	A	1,70 €
136 001 00	RDF Wireless room control unit (LC display)	B	65,00 €
136 001 10	RF Wireless room control unit (analog)	B	57,00 €
136 001 30	BSF Wireless base station	B	155,00 €
136 001 20	RPF Repeater	B	135,00 €



Sensors

Miscellaneous

Article no.	Article	Price bracket	List price
155 008 90	FRP12 Indoor temperature sensor	A	32,00 €
136 000 40	RTA12 Remote control	A	55,30 €
136 000 50	RCP12 Room control unit	A	72,30 €
155 008 10	FAP13 Outdoor temperature sensor	A	30,60 €
112 127 96	Central outdoor sensor unit	A	284,20 €
145 441 30	SV6 Sensor distribution box	A	404,80 €
180 110 70	SP10 Overvoltage protection	A	19,00 €
151 003 20	CS10 Solar cell	A	67,20 €



Valves

Article no.	Article	Price bracket	List price
270 007 40	VA20-NO/DN 15 R ½" with actuator NO 230V~ (normally open)	B	51,60 €
270 007 60	VA20-NO/DN 20 R ¾" with actuator NO 230V~ (normally open)	B	59,30 €
270 007 80	VA20-NO/DN 25 R 1" with actuator NO 230V~ (normally open)	B	78,40 €
270 008 00	VA20-NO/DN 32 R 1¼" with actuator NO 230V~ (normally open)	B	109,60 €
270 007 50	VA20-NC/DN 15 R ½" with actuator NC 230V~ (normally closed)	B	51,60 €
270 007 70	VA20-NC/DN 20 R ¾" with actuator NC 230V~ (normally closed)	B	59,30 €
270 007 90	VA20-NC/DN 25 R 1" with actuator NC 230V~ (normally closed)	B	78,40 €
270 008 10	VA20-NC/DN 32 R 1¼" with actuator NC 230V~ (normally closed)	B	109,60 €
270 008 20	VA300-NO/DN 20 R ¾" with actuator NO 230V~ (normally open) and fittings	B	109,00 €
270 008 40	VA300-NO/DN 25 R 1" with actuator NO 230V~ (normally open) and fittings	B	117,60 €
270 008 60	VA300-NO/DN 32 R 1¼" with actuator NO 230V~ (normally open) and fittings	B	229,20 €
270 008 80	VA300-NO/DN 40 R 1½" with actuator NO 230V~ (normally open) and fittings	B	234,70 €
270 008 30	VA300-NC/DN 20 R ¾" with actuator NC 230V~ (normally closed) and fittings	B	109,00 €
270 008 50	VA300-NC/DN 25 R 1" with actuator NC 230V~ (normally closed) and fittings	B	117,60 €
270 008 70	VA300-NC/DN 32 R 1¼" with actuator NC 230V~ (normally closed) and fittings	B	229,20 €
270 008 90	VA300-NC/DN 40 R 1½" with actuator NC 230V~ (normally closed) and fittings	B	234,70 €
270 007 20	SVA-NO actuator for VA20/VA300 (normally open)	B	38,90 €
270 007 30	SVA-NC actuator for VA20/VA300 (normally closed)	B	38,90 €
270 006 70	VA22-DN15 R ½" – motor-driven ball valve	B	83,00 €
270 001 70	VA22-DN20 R ¾" – motor-driven ball valve	B	95,60 €
270 001 80	VA22-DN25 R 1" – motor-driven ball valve	B	99,50 €
270 003 90	VA22-DN32 R 1¼" – motor-driven ball valve	B	121,50 €
270 006 80	Actuator for VA22	B	76,70 €
270 001 90	VA32-DN 20 R ¾" – motor-driven changeover valve	B	99,10 €
270 002 00	VA32-DN 25 R 1" – motor-driven changeover valve	B	101,80 €
270 003 10	VA32-DN 32 R 1¼" – motor-driven changeover valve	B	112,40 €
270 004 50	Actuator for VA32 (230V~/50 Hz)	B	84,20 €
280 013 40	MA10 thermostatic mixing valve, ET R 1"	B	47,80 €
280 015 50	MA25 thermostatic mixing valve, ET R 1¼"	B	61,30 €
280 013 50	Reducing bushes ET ¾" – Set of 3 units for MA10	B	11,40 €
280 015 60	Reducing bushes ET 1" – Set of 3 units for MA25	B	23,10 €

This price list is valid from 01.01.2020 until a new list is issued.

This price list is subject to our General Terms and Conditions 04/2018 (available on our website www.resol.com).

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RESOL – Elektronische Regelungen GmbH

Heiskampstraße 10 ■ 45527 Hattingen ■ Germany

Phone: +49 (0) 2324 9648 - 0 ■ Fax: +49 (0) 2324 9648 - 755 ■ E-mail: info@resol.com