



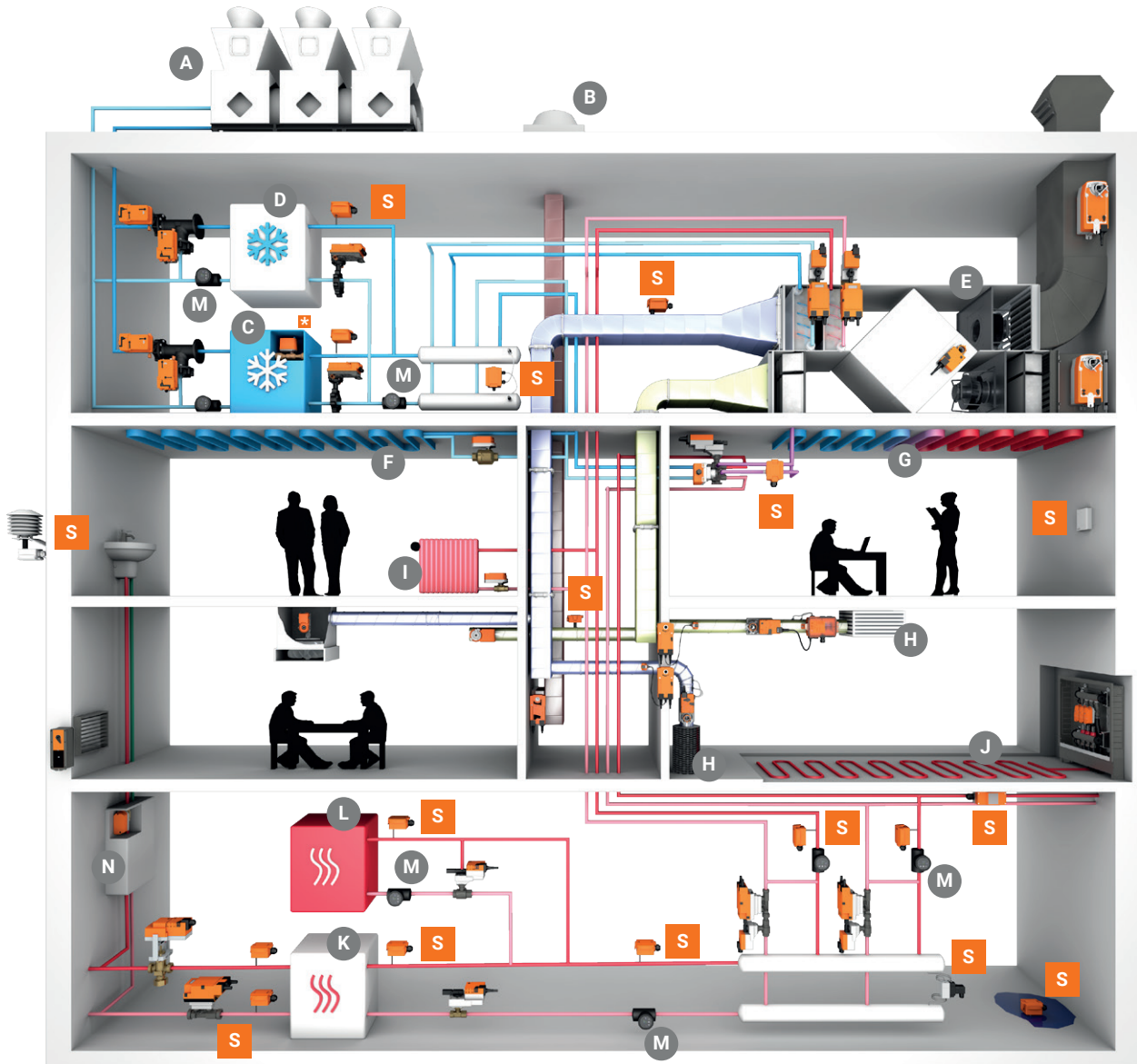
Products and Prices Sensors / Meters

Austria
2026



Prices in EUR
Valid as of 1 January 2026

Everything under one roof



Legend

Overview of Belimo products

S Sensors and meters

Overview of third-party products

A Dry cooler, cooling

B Smoke control fan

C Chiller

D Heat exchanger, free cooling

E Air handling unit

F Chilled ceiling

G Heated/chilled ceiling

H Air diffuser

I Radiator

J Floor heating

K District heating transfer station

L Heat generator

M Circulation pump

N Fresh water station

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You can choose from various sensors and meters in this product catalogue.

With your order number, you can then simply contact your Belimo representative. They will make sure that you receive the solution for your needs that best meets your requirements for economy, energy efficiency and convenience.

For your region, please contact directly:

BELIMO Automation Handelsgesellschaft m.b.H

Brunner Straße 63/20
1230 Wien, Österreich

Phone : +43 1 749 03 61 10

E-Mail : info@belimo.at

Ordering online

All Belimo products and systems can of course also be ordered online. After a brief registration, you can start adding items to your personal shopping cart. You can order your chosen products directly from there.

www.belimo.at



Selection
sensors/meters

5-year warranty

To us, innovation and stability are not a contradiction but characteristics of Belimo. Many companies promise you reliability – we give you a 5-year warranty.

On site around the globe

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Complete product range

You will find it: the product for your application – the solution to your problem. Whether for air, water or as a retrofit, for fire protection, smoke control or volumetric flow control.

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Sensors and thermal energy meters from Belimo



Our sensors offer the highest in quality and reliability, are simple to install and are seamlessly compatible with all conventional building automation systems. The product range covers the measured values temperature, humidity, pressure, CO₂, VOC and flow rate in pipes, ducts, outdoor and room solutions. The product line is excellently complemented by the new thermal energy meters, with or without MID approval depending on the application. First-class service and support are included as a matter of course.

Seamless integration and compatibility

Sensors and meters

The perfect complement to actuators and valves

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Thermal energy meters	MID approval	Thermal energy meters according to EN 1434 with MID approval	22
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S/M



**Belimo product innovations:
Learn more here.**

The latest solutions for your needs.



Differential pressure switches

Output signal SPDT switch



01APS-..

For monitoring the overpressure, negative pressure or differential pressure of air or other non-flammable and non-aggressive gases. With setpoint adjustment and automatic reset function.

Degree of protection IEC/EN IP54

Housing Plastic, with removable cover



Measured values	Measuring ranges					Sensor type	EUR
	Differential pressure						
Output signals	20...300 Pa	50...500 Pa	200...1000 Pa	500...2500 Pa	1000...5000 Pa		
SPDT switch	■					01APS-10R	38,70
	■					01APS-10R.1 ¹⁾	28,80
		■				01APS-10U	38,70
		■				01APS-10U.1 ¹⁾	28,80
			■			01APS-101	38,70
			■			01APS-101.1 ¹⁾	28,80
				■		01APS-104	38,70
				■		01APS-104.1 ¹⁾	28,80
					■	01APS-105	38,70

¹⁾ Multipack at 45 pieces, price per piece. (Mounting accessory A-22AP-A05.1 must be ordered separately.)

Temperature average and humidity

Output signals active, passive, SPDT switch, Modbus RTU, BACnet MS/TP

For measuring humidity and temperature averages in ducts and air handling units.

Power supply	AC/DC 24 V (active sensors)
Degree of protection IEC/EN	IP65 / NEMA 4X IP55 (duct humidistat 01DH-..)
Housing	Plastic



Measured values				Measuring ranges									
Output signals				Temperature			Humidity						
		Multirange	Probe length	-35...50°C	-40...80°C	-35...70°C	Relative: 0...100% RH	Absolute: 0...80 g/m ³	Dew point: -20...80°C	Enthalpy: 0...85 kJ/kg	Adjustment range 15...95% RH	Sensor type	EUR
Temperature (average value)													
Passive	Pt1000		3 m			■						01MT-1B4	224,00
			6 m			■						01MT-1B5	240,00
			15 m			■							01MT-1B8
Active	0...5 V / 0...10 V	■	3 m									22MT-124	262,00
		■	6 m	■								22MT-125	275,00
		■	15 m	■								22MT-128	616,00
		■	3 m	■								22MT-144	262,00
		■	6 m	■								22MT-145	275,00
Humidity / Temperature													
Active	0...5 V / 0...10 V	■	140 mm		■		□	■	■	■		22DTH-11M	254,00
		■	270 mm		■		□	■	■	■		22DTH-11Q	272,00
	4...20 mA	■	140 mm		■		□	■	■	■		22DTH-13M	254,00
		■	270 mm		■		□	■	■	■		22DTH-13Q	272,00
	Modbus RTU		140 mm		■		□	□	□	□		22DTH-15M	321,00
			270 mm		■		□	□	□	□		22DTH-15Q	334,00
BACnet MS/TP		140 mm		■		□	□	□	□		22DTH-16M	321,00	
Humidity (duct humidistat)													
SPDT switch			150 mm								■	01DH-10N	278,00

□ Factory setting (measuring ranges are adjustable on the sensor).

Further settings and live data can be selected and read out via Bluetooth with the accessory A-22G-A05 (22DTH-15.., 22DTH-16M).

Air quality, humidity, temperature

Output signals active, Modbus RTU, BACnet MS/TP

For measuring air quality (CO₂, humidity, temperature and VOC) in ducts and AHUs.

Power supply	AC/DC 24 V
Degree of protection IEC/EN	IP65 / NEMA 4X
Housing	Plastic, with snap-on cover



22DC..
22DT..



Measured values				Measuring ranges										
Output signals				Temperature	Humidity			CO ₂	VOC					
		LCD display	Probe length	0...50°C	Relative: 0...100% RH	Absolute: 0...80 g/m ³	Dew point: -20...80°C	Enthalpy: 0...85 kJ/kg	0...2000 ppm	0...5000 ppm	0...100%	Sensor type	EUR	
CO₂														
Active	0...5 V / 0...10 V	—	150 mm	—	—	—	—	—	■	—	—	22DC-11	365,00	
	0...5 V / 0...10 V, 4...20 mA	—		□	■ ¹⁾	—	—	—	—	—	—	—	22DC-13	378,00
CO₂ / Temperature														
Active	0...5 V / 0...10 V	—	180 mm	■	—	—	—	—	□	■ ¹⁾	—	22DTC-11	459,00	
	0...5 V / 0...10 V, 4...20 mA	—		■	—	—	—	—	□	■ ¹⁾	—	—	22DTC-13	469,00
CO₂ / Humidity / Temperature														
Active	0...5 V / 0...10 V	—	180 mm	■	■	—	—	—	□	■ ¹⁾	—	22DTM-11	576,00	
	—	■		■	—	—	—	—	□	■ ¹⁾	—	22DTM-1106	659,00	
	Modbus RTU	—		□	□	□	□	□	□	□	■ ¹⁾	—	22DTM-15	599,00
	BACnet MS/TP	—		□	□	□	□	□	□	□	■ ¹⁾	—	22DTM-16	599,00
CO₂ / VOC														
Active	0...5 V / 0...10 V	—	150 mm	—	—	—	—	—	□	■ ¹⁾	■	22DCV-11	596,00	
CO₂ / VOC / Temperature														
Active	0...5 V / 0...10 V	—	180 mm	■	—	—	—	—	□	■ ¹⁾	■	22DCM-11	630,00	
CO₂ / VOC / Mix CO₂/VOC / Temperature														
Active	0...5 V / 0...10 V	—	180 mm	■	—	—	—	—	□	■ ¹⁾	■	22DCK-11	713,00	

□ Factory setting (measuring ranges are adjustable on the sensor).

Further settings and live data can be selected and read out via Bluetooth with the accessory A-22G-A05 (22DC-13, 22DTC.., 22DTM.., 22DCV-11, 22DCM-11, 22DCK-11).

¹⁾ Usable only via bus communication or with Bluetooth dongle (A-22G-A05) and Belimo Duct Sensor Assistant App.

Frost monitors

Output signals active, SPDT switch

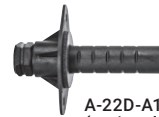
Reset	Manual or automatic
Startup function	With types 20DTS-..
Power supply	AC 24 V (types 20DTS-..)



01ATS-..



20DTS-..

A-22D-A12
(optional accessory for 20DTS-..)

Measured values

Output signals

		Capillary tube length	Automatic reset	Manual reset	LED display, red	Adjustment range -10...15°C	Adjustment range 1...10°C	Sensor type	EUR
Temperature (frost monitor)									
		3 m	■			■		01ATS-1040B	121,00
		6 m	■			■		01ATS-1050B	132,00
SPDT switch		3 m		■		■		01ATS-104XC	133,00
Passive		6 m		■		■		01ATS-105XC	144,00
Active	0...10 V	2 m	■	■	■		■	20DTS-1P3	398,00
		6 m	■	■	■		■	20DTS-1P5	408,00

Outdoor sensors humidity / temperature

Output signals active, passive, Modbus RTU, BACnet MS/TP

For measuring temperature or relative humidity and temperature in the outdoor area as well as in demanding indoor applications that require high IP protection – e.g., in cold stores and greenhouses or production halls and warehouses.

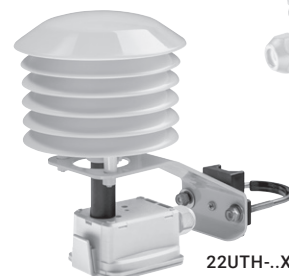
Power supply AC/DC 24 V (active sensors)

Degree of protection IEC/EN IP65 / NEMA 4X

Housing Plastic, with snap-on cover



01UT-..

22UT-..
01UT-..0X

22UTH-..X



22UTH-..



	Measured values	Measuring ranges											EUR											
		Temperature										Humidity												
	Output signals	External sensor probe (short response time)	Multirange	-50...50°C	-40...60°C	-35...50°C	-35...90°C	-20...80°C	-15...35°C	-10...120°C	0...50°C	0...100°C	0...160°C	0...250°C	Relative: 0...100% RH	Absolute: 0...50 g/m ³	Absolute: 0...80 g/m ³	Dew point 0...50°C	Dew point: -20...80°C	Enthalpy: 0...85 kJ/kg	Sensor type			
Temperature																								
Passive	Pt100																				01UT-1A	35,50		
																						01UT-1A0X	58,20	
	Pt1000																					01UT-1B	34,50	
																							01UT-1B0X	58,20
	Ni1000																						01UT-1C	34,50
	Ni1000TK5000																						01UT-1D	39,80
	NTC1k8																						01UT-1F	31,40
	NTC10k (10k2)																						01UT-1L	30,60
NTC10k Carel																						01UT-1N	32,60	
NTC20k																						01UT-1Q	31,70	
Active	0...5 V / 0...10 V																					22UT-12	122,00	
	4...20 mA																					22UT-14	122,00	
Humidity / Temperature																								
Active	0...5 V / 0...10 V																					22UTH-11	314,00	
	4...20 mA																					22UTH-13	314,00	
	0...5 V / 0...10 V, NTC10k Pre																					22UTH-110M	363,00	
	0...5 V / 0...10 V																					22UTH-110X	428,00	
	4...20 mA																					22UTH-130X	428,00	
	Modbus RTU																						22UTH-150X	477,00
	BACnet MS/TP																						22UTH-160X	481,00

□ Factory setting (measuring ranges are adjustable on the sensor or via bus system).

Further settings and live data can be selected and read out via Bluetooth with the accessory A-22G-A05 (22UTH-150X, 22UTH-160X).

Room sensors / Room operating units

Output signal passive

For temperature measurement and setting the room temperature setpoint.
These room units can be seamlessly connected to existing controllers.

Ambient conditions 0...50°C



01RT-1..



P-01RT-1..



	Output signals	Setpoint signal adjustable (resistance Ω)	Measuring range ³⁾		EUR
			Temperature	Sensor type	
			0...50°C		
Passive room sensors and room operating units					
Passive	Pt1000		■	01RT-1B-0	27,60
	Ni1000		■	01RT-1C-0	27,60
	Ni1000TK5000		■	01RT-1D-0	27,60
	NTC1k8		■	01RT-1F-0	24,30
	NTC10k (10k2)		■	01RT-1L-0	23,00
	NTC10k Carel		■	01RT-1N-0	23,00
	NTC10k Pre (10k3)		■	01RT-1M-0	23,00
	NTC20k		■	01RT-1Q-0	24,30
	Pt1000	0.7...1.3 kΩ	■	P-01RT-1B-0	39,10
	NTC1k8		■	P-01RT-1F-0	37,80
	NTC10k (10k2)	2.5...8.5 kΩ	■	P-01RT-1L-0	36,40
	NTC10k Pre (10k3)		■	P-01RT-1M-0	36,40

Room sensors / Room operating units

Output signal active, MP-Bus, Modbus RTU, BACnet MS/TP

For measuring and adjusting the room climate. The active Belimo room operating units P-22RT..-1..D.. are equipped with a razor-sharp ePaper touch display for maximum ease of operation and optimum legibility. In public areas, the displayless room units 22RT..-18-1 (with analogue outputs) and P-22RT..-1U00A-2 (with Modbus RTU, BACnet MS/TP, and MP-Bus) offer an optimal and discreet solution. Thanks to the Belimo Display App, they also provide the full functionality of a room operating unit with high ease of operation and complete access control.

Configuration	Unpowered via NFC
Diagnostics function	Simply via NFC
Ambient conditions	0...50°C, max. 95% RH, non-condensing
Analogue output	0...5 V, 0...10 V, 2...10 V, 4...20 mA (configurable with Belimo Assistant 2)
Setpoint adjustment	Temperature and ventilation control elements



22RT..-18-1
P-22RT..-1U00A-2



22RT..-18-1B
P-22RT..-1U00A-2B



P-22RT..-1800D-1
P-22RT..-1U00D-2



	Output signals	Housing colour White (RAL 9003)	Housing colour Black (RAL 9005)	Analogue output	Input signal	Measuring ranges ¹⁾			Sensor type	EUR		
						Temperature	Humidity	CO ₂				
						0...50°C	0...100% RH Dew point: -50...50°C	0...2000 ppm				
Active room sensors and room operating units	0...5 V 0...10 V 2...10 V 4...20 mA MP-Bus Display app ²⁾	■		3		■				22RT-18-1	92,90	
			■		3		■				22RT-18-1B	– ⁴⁾
		■		3		■		■			22RTH-18-1	138,00
			■		3		■		■		22RTH-18-1B	– ⁴⁾
		■		3		■		■	■		22RTM-18-1	292,00
				■		3		■		■	22RTM-18-1B	– ⁴⁾
				■				■			P-22RTH-1U00A-2	214,00
					■		1x DI ³⁾	■			P-22RTH-1U00A-2B	228,00
				■				■		■	P-22RTM-1U00A-2	350,00
					■			■		■	P-22RTM-1U00A-2B	363,00
ePaper touch display	0...5 V 0...10 V 2...10 V 4...20 mA MP-Bus Modbus RTU BACnet MS/TP MP-Bus	■		3		■				P-22RT-1800D-1	267,00	
		■		3		■		■		P-22RTH-1800D-1	306,00	
		■		3		■		■	■		P-22RTM-1800D-1	460,00
		■				1x DI ³⁾	■				P-22RTH-1U00D-2	363,00
		■					■		■		P-22RTM-1U00D-2	507,00
				■				■		■		

¹⁾ Maximum measuring range; infinitely adjustable with Belimo Assistant 2.

²⁾ For the display of current room values and the adjustment of setpoints via smartphone. More information on [page 34](#).

³⁾ Digital input.

⁴⁾ Price on request.

Duct and immersion sensors temperature

Output signal passive

01DT-..., 22DT-..

When used as an immersion sensor for pipe installations (liquid lines), a thermowell is recommended as an optional accessory.

Degree of protection IEC/EN IP65 / NEMA 4X

Housing Plastic, with snap-on cover



01DT-..

A-22P-...
(optional accessory
for 01DT-..., 22DT-..)

	Measured values	Output signals	Probe length	Measuring ranges		Sensor type	EUR	
				Temperature				
				-50...150°C	-50...160°C			
Temperature (duct, pipe)								
Passive	Ni1000		50 mm		■	01DT-1CH	47,20	
			100 mm		■	01DT-1CL	47,20	
			150 mm		■	01DT-1CN	49,80	
			200 mm		■	01DT-1CP	49,80	
			300 mm		■	01DT-1CR	53,40	
			450 mm		■	01DT-1CT	57,00	
	Ni1000TK5000			50 mm		■	01DT-1DH	53,40
				100 mm		■	01DT-1DL	53,40
				150 mm		■	01DT-1DN	55,20
				200 mm		■	01DT-1DP	55,20
				300 mm		■	01DT-1DR	59,60
	NTC10k (10k2)			450 mm		■	01DT-1DT	63,20
				50 mm	■		01DT-1LH	44,50
				100 mm	■		01DT-1LL	44,50
				150 mm	■		01DT-1LN	47,20
				200 mm	■		01DT-1LP	47,20
	NTC10k Carel			300 mm	■		01DT-1LR	49,80
				450 mm	■		01DT-1LT	53,40
				50 mm	■		01DT-1NH	48,10
				100 mm	■		01DT-1NL	48,10
				150 mm	■		01DT-1NN	50,70
	NTC10k Pre (10k3)			200 mm	■		01DT-1NP	50,70
				300 mm	■		01DT-1NR	54,30
				50 mm	■		01DT-1MH	46,40
				100 mm	■		01DT-1ML	46,40
				150 mm	■		01DT-1MN	48,90
	NTC1k8			200 mm	■		01DT-1MP	48,90
				300 mm	■		01DT-1MR	52,40
			100 mm	■		01DT-1FL	48,60	
			150 mm	■		01DT-1FN	51,20	
			200 mm	■		01DT-1FP	51,20	
			300 mm	■		01DT-1FR	54,40	
			450 mm	■		01DT-1FT	57,10	

Duct and immersion sensors temperature

Output signals passive and active

01DT-.., 22DT-.. When used as an immersion sensor for pipe installations (liquid lines), a thermowell is recommended as an optional accessory.

Degree of protection IEC/EN IP65 / NEMA 4X

Housing Plastic, with snap-on cover

01DT-..
22DT-..A-22P-..
(optional accessory
for 01DT-.., 22DT-..)

	Measured values	Output signals	Multirange	Probe length	Measuring ranges		Sensor type	EUR	
					-50...160°C	-50...150°C			
Temperature (duct, pipe)									
Passive	NTC20k			50 mm		■	01DT-1QH	48,60	
				100 mm		■	01DT-1QL	48,60	
				150 mm		■	01DT-1QN	51,20	
				200 mm		■	01DT-1QP	51,20	
				300 mm		■	01DT-1QR	54,40	
				450 mm		■	01DT-1QT	57,10	
			NTC5k		200 mm		■	01DT-1HP	47,20
					50 mm		■	01DT-1AH	48,90
			Pt100		100 mm		■	01DT-1AL	48,90
					150 mm		■	01DT-1AN	50,70
		200 mm			■	01DT-1AP	50,70		
		300 mm			■	01DT-1AR	54,30		
	Pt1000		450 mm		■	01DT-1AT	57,90		
			50 mm		■	01DT-1BH	47,20		
			100 mm		■	01DT-1BL	47,20		
			150 mm		■	01DT-1BN	49,80		
			200 mm		■	01DT-1BP	49,80		
			300 mm		■	01DT-1BR	53,40		
			450 mm		■	01DT-1BT	57,00		
		Pt1000 Class AA		50 mm		■	01DT-1RH	50,80	
	100 mm			■	01DT-1RL	50,80			
	150 mm			■	01DT-1RN	53,40			
	200 mm			■	01DT-1RP	53,40			
Active	0...5 V / 0...10 V			300 mm		■	01DT-1RR	57,00	
			■	50 mm		■	22DT-12H	108,00	
			■	100 mm		■	22DT-12L	108,00	
			■	150 mm		■	22DT-12N	112,00	
			■	200 mm		■	22DT-12P	112,00	
			■	300 mm		■	22DT-12R	115,00	
	4...20 mA			■	450 mm		■	22DT-12T	119,00
				■	50 mm		■	22DT-14H	108,00
				■	100 mm		■	22DT-14L	108,00
				■	150 mm		■	22DT-14N	112,00
				■	200 mm		■	22DT-14P	112,00
				■	300 mm		■	22DT-14R	115,00
				■	450 mm		■	22DT-14T	119,00

S/M

Included and optional accessories starting on [page 25](#)

List prices excl. VAT / 2026 – Subject to alterations in price and technical modifications

Duct and immersion sensors temperature



Output signal passive

01PT-..	For pipe installations with short response time, no additional thermowell required.
Degree of protection IEC/EN	IP65 / NEMA 4X
Housing	Plastic, with snap-on cover

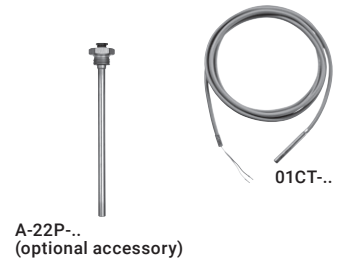


	Measured values	Output signals	Probe length	Measuring ranges		Sensor type	EUR	
				Temperature				
				-50...150°C	-50...160°C			
Temperature (pipe)								
			50 mm		■	01PT-1DH	89,00	
			100 mm		■	01PT-1DL	89,00	
			200 mm		■	01PT-1DP	94,60	
Passive	Ni1000TK5000		50 mm	■		01PT-1LH	79,80	
			100 mm	■		01PT-1LL	79,80	
			200 mm	■		01PT-1LP	85,50	
	NTC10k (10k2)		50 mm		■		01PT-1BH	83,60
			100 mm		■		01PT-1BL	84,60
			200 mm		■		01PT-1BP	88,10
	Pt1000		50 mm		■	01PT-1BH	83,60	
			100 mm		■	01PT-1BL	84,60	
			200 mm		■	01PT-1BP	88,10	

Cable sensors temperature

Output signals passive and active

Power supply	AC/DC 24 V (active sensors)
Cable length	2 m
Degree of protection IEC/EN	IP65 / NEMA 4X
Housing	Plastic, with snap-on cover



Measured values		Output signals		Multirange	Probe length	Mounting flange inclusive	Measuring ranges		Sensor type	EUR	
							Temperature				
							-50...160°C	-35...100°C			
Temperature											
Passive	Ni1000				50 mm				■	01CT-1CH	19,90
					100 mm	■			■	01CT-1CLF	31,60
					200 mm	■			■	01CT-1CPF	32,90
	Ni1000TK5000				50 mm				■	01CT-1DH	24,40
					100 mm	■			■	01CT-1DLF	36,50
					200 mm	■			■	01CT-1DPF	37,40
	NTC10k (10k2)				50 mm				■	01CT-1LH	16,50
					100 mm	■			■	01CT-1LLF	28,30
					200 mm	■			■	01CT-1LPF	29,40
	NTC1k8				50 mm				■	01CT-1FH	18,30
					50 mm				■	01CT-1QH	18,30
	NTC20k				100 mm	■			■	01CT-1QLF	29,60
					200 mm	■			■	01CT-1QPF	30,70
	Pt100				50 mm				■	01CT-1AH	19,90
				100 mm	■			■	01CT-1ALF	31,60	
Pt1000				200 mm	■			■	01CT-1APF	33,00	
				50 mm				■	01CT-1BH	19,60	
				100 mm	■			■	01CT-1BLF	31,00	
Pt1000 Class AA				200 mm	■			■	01CT-1BPF	33,00	
				200 mm	■			■	01CT-1RH	23,20	
Active	0...5 V / 0...10 V	■			50 mm		■		22CT-12H	108,00	
	4...20 mA	■			50 mm		■		22CT-14H	108,00	

□ Factory setting (measuring ranges are adjustable on the sensor).

Safety temperature limiter STB / Temperature monitor TW

Output signal SPDT switch

Switch contact	1x SPDT, AC 230 V, 16 A
Switching value	Control window in the housing cover
Mounting	Pipe contact, thermowell or wall mounting
Pipe contact mounting	Fixing strap, included
Electrical connection	Spring loaded terminal blocks
Reset	Manual for safety temperature limiter STB Automatic for temperature monitor TW
Capillary fracture protection	For safety temperature limiter STB



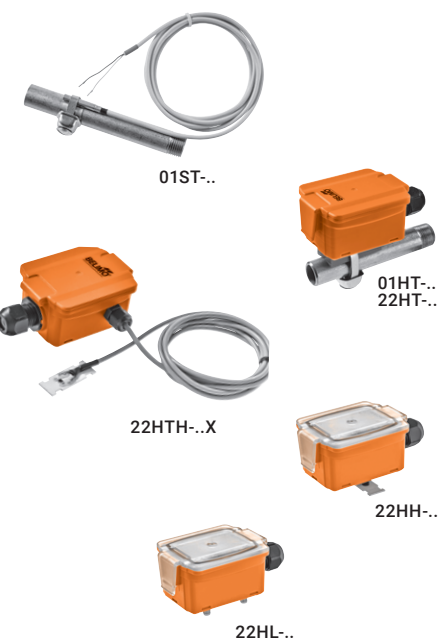
Measured values Output signals	Safety temperature limiter STB	Temperature monitor TW	Automatic reset	Manual reset	Capillary tube length	Capillary fracture protection	Application			Setpoint range			Sensor type	EUR
							Heating water	Water vapour	Fire protection thermostat in the duct	30...90°C	50...80°C	70...130°C		
Temperature – STB														
SPDT switch	■			■	1 m	■	■		■				EXT-J-00734645	104,00
	■			■	1 m	■		■			■		EXT-J-00734647	104,00
Temperature – TW														
SPDT switch		■	■		1 m		■			■			01HT-101CA	96,40

Contact sensors temperature / condensation

Output signals active, passive or SPDT switch

For temperature measurement on pipes and curved surfaces (ST-.., HT-.. types) or for detecting condensation on chilled surfaces (22HH-.. types).

Power supply AC/DC 24 V (active sensors)
Degree of protection IEC/EN IP65 / NEMA 4X
Housing Plastic, with snap-on cover



Measured values		Measuring ranges							EUR			
Output signals		Temperature										
		Multirange	Sensor cable 2 m	Sensor cable 7 m	Sensor cable 12 m	LED signalling	-35...70°C	-35...90°C	-35...100°C	-20...60°C	Sensor type	
Temperature												
	Ni1000		■						■		01ST-1C3	23,00
								■			01HT-1C	40,50
	Ni1000TK5000		■						■		01ST-1D3	28,00
								■			01HT-1D	45,50
	NTC10k (10k2)		■						■		01ST-1L3	19,70
								■			01HT-1L	37,60
Passive	NTC1k8		■						■		01ST-1F3	23,10
								■			01HT-1F	40,50
	NTC20k		■						■		01ST-1Q3	23,10
								■			01HT-1Q	37,80
	Pt100		■						■		01ST-1A3	23,00
								■			01HT-1A	40,50
	Pt1000		■						■		01ST-1B3	22,90
								■			01HT-1B	40,50
Active	0...5 V / 0...10 V	■					■			■	22HT-12	113,00
	4...20 mA	■					■			■	22HT-14	113,00
Humidity / Temperature												
Active	0...5 V / 0...10 V	■	■							■	22HTH-110X	275,00
Condensation												
										■	22HH-10	157,00
SPDT switch			■							■	22HH-100X	179,00
				■						■	22HH-100S-6	211,00
					■					■	22HH-100S-7	216,00
Leakage												
SPDT switch										■	22HL-10	157,00

S/M

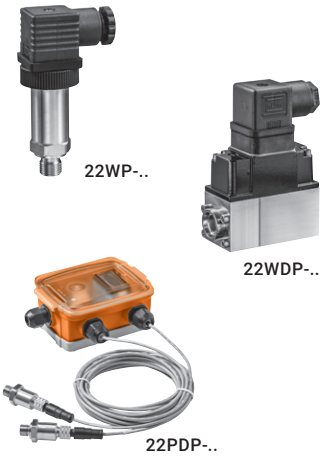
Included and optional accessories starting on [page 25](#)

List prices excl. VAT / 2026 – Subject to alterations in price and technical modifications

Pressure sensors

Output signal active

Power supply	AC/DC 24 V (types with voltage output) DC 24 V (types with current output)
Degree of protection IEC/EN	22WP-../22WDP-...: IP65 / NEMA 4 22PDP-...: IP65
Housing	22WP-../22WDP-...: metal 22PDP-...: pressure transmitter metal, sensor housing plastic
Cable entry	22WP-...: MVS plug according to DIN EN 175301-803 / Type A 22WDP-...: Angled plug according to DIN 43650 / Type A
Cable gland	PA6, black



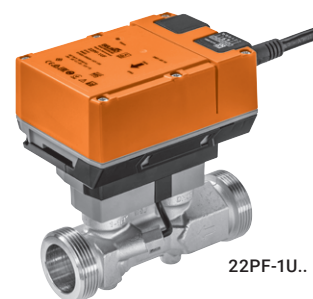
Measured values	Output signals	Water	Refrigerants	Water-glycol mixtures (<50% vol.)	LCD display	Measuring ranges										Sensor type	EUR
						Pressure											
		0...1 bar	0...2.5 bar	0...4 bar	0...5 bar	0...6 bar	0...10 bar	0...16 bar	0...25 bar	0...35 bar							
Pressure																	
Active	0...10 V	■	■	■			■							22WP-114	188,00		
		■	■	■				■						22WP-115	188,00		
		■	■	■					■					22WP-116	188,00		
	4...20 mA	■	■	■							■			22WP-117	188,00		
		■	■	■								■		22WP-119	205,00		
		■	■	■			■							22WP-134	179,00		
		■	■	■				■						22WP-135	179,00		
Differential pressure	0...5 V / 0...10 V, 4...20 mA	■	■	■	■				■					22PDP-185	897,00		
		■	■	■	■						■			22PDP-186	897,00		
		■	■	■	■							■		22PDP-189	897,00		
	0...10 V	■	■	■			■							22WDP-111	571,00		
		■	■	■				■						22WDP-112	571,00		
		■	■	■					■					22WDP-114	571,00		
		■	■	■						■				22WDP-115	571,00		
4...20 mA	■	■	■			■							22WDP-131	571,00			
	■	■	■				■						22WDP-132	571,00			
	■	■	■					■					22WDP-134	571,00			
	■	■	■						■				22WDP-135	571,00			

Flow sensors with glycol compensation

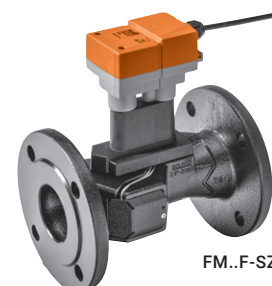
Output signal active

Ultrasonic flow sensor for water and water-glycol mixtures.
Determination of the glycol content and corresponding compensation.

Power supply	AC/DC 24 V
Degree of protection IEC/EN	IP54
Nominal pressure	22PF..: PN 25 FM..: PN 16
Connection	Cable 1 m, 6x 0.75 mm ²
Analogue output	22PF..: 0...10 V, 0.5...10 V, 2...10 V or user defined FM..: 0.5...10 V
Converter for sensors	22PF..: optional connection of an active sensor with output 0...10 V or a switching contact for transmission to bus system
Communication	22PF..: MP-Bus, Modbus RTU, BACnet MS/TP
Accumulation	22PF..: flow can be accumulated over time
Configuration, diagnostics	22PF..: via NFC with Belimo Assistant 2



22PF-1U..



FM..F-SZ



Measured values

	DN	PN	G	Installation length	Maximum flow rate, FS ¹⁾	Water	Water-glycol mixtures (≤60% vol.)	Sensor type	EUR
Flow, temperature									
0...10 V 0.5...10 V 2...10 V User defined	15	25	3/4"	110 mm	1.8 m ³ /h	■	■	22PF-1UC	555,00
	20		1"	130 mm	3.0 m ³ /h	■	■	22PF-1UD	573,00
	25		1 1/4"	135 mm	4.2 m ³ /h	■	■	22PF-1UE	592,00
	32		1 1/2"	140 mm	7.2 m ³ /h	■	■	22PF-1UF	619,00
	40		2"	145 mm	12 m ³ /h	■	■	22PF-1UG	656,00
	50		2 1/2"	145 mm	18 m ³ /h	■	■	22PF-1UH	692,00
Flow									
0.5...10 V	65	16	Flange	240 mm	34.6 m ³ /h	■	■	FM065F-SZ	1043,00
	80			260 mm	49.0 m ³ /h	■	■	FM080F-SZ	1145,00
	100			262 mm	86.4 m ³ /h	■	■	FM100F-SZ	1247,00
	125			314 mm	135.0 m ³ /h	■	■	FM125F-SZ	1348,00
	150			334 mm	194.4 m ³ /h	■	■	FM150F-SZ	1450,00

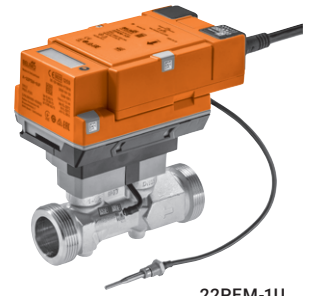
Note: The flow sensors FM..F-SZ will be replaced by new types 22PF-1U.. over the course of the year.
Please also order the required accessories – Starting on **page 30**.

¹⁾ FS = full scale.

S/M

Thermal energy meters according to EN 1434 with MID approval

Communication via MP-Bus, Modbus, BACnet, M-Bus (with converter)



22PEM-1U..

Ultrasonic energy meters for reliable determination and billing of energy consumption.

Use as heat, cooling or heat/cooling meter and in the supply or return.

The thermal energy meters comply with the requirements of EN 1434 and have a type approval as heat meters according to the European Measuring Instruments Directive 2014/32/EU (MI-004).

Power supply	AC/DC 24 V or PoE (Power over Ethernet)
Degree of protection IEC/EN	IP54
Nominal pressure	PN 25
Connection	Cable 1 m, 6x 0.75 mm ² and RJ45 connector socket
Analogue output	Adjustable 0...10 V, 0.5...10 V, 2...10 V or user defined. E.g. the flow rate or the temperature of the temperature sensor T1/T2 can be output.
Converter for sensors	Optional connection of a passive sensor (Pt1000, Ni1000, NTC10k), an active sensor with output 0...10 V or a switching contact for transfer to bus system
Thermal energy display	Via LCD display and via communication
Communication	MP-Bus, Modbus RTU, Modbus TCP, BACnet MS/TP, BACnet/IP, M-Bus (with converter G-22PEM-A01), NFC
Configuration, diagnostics	Via integrated web server and with Belimo Assistant 2

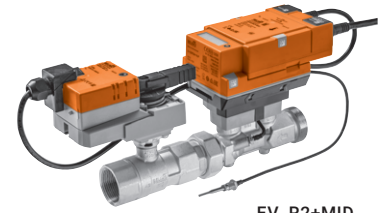


Measured values

	DN	G	Installation length	Nominal flow qp	Maximum flow qs	Pressure drop Δp@qp	Water	Meter type	EUR
Thermal energy, flow, temperature									
	15	3/4"	110 mm	1.5 m ³ /h	3 m ³ /h	15 kPa	■	22PEM-1UC	1145,00
0...10 V	20	1"	130 mm	2.5 m ³ /h	5 m ³ /h	12 kPa	■	22PEM-1UD	1281,00
0.5...10 V	25	1 1/4"	135 mm	3.5 m ³ /h	7 m ³ /h	7 kPa	■	22PEM-1UE	1419,00
2...10 V	32	1 1/2"	140 mm	6 m ³ /h	12 m ³ /h	14 kPa	■	22PEM-1UF	1556,00
User defined	40	2"	145 mm	10 m ³ /h	20 m ³ /h	18 kPa	■	22PEM-1UG	1711,00
	50	2 1/2"	145 mm	15 m ³ /h	30 m ³ /h	22 kPa	■	22PEM-1UH	1858,00

Note: Please also order the required accessories – Starting on [page 30](#).

Belimo Energy Valve™ according to EN 1434 with MID approval



EV..R2+MID

Field of use	Closed water systems (pH >7)
Fluid temperature	-10...120°C (-10...2°C valve neck extension or spindle heater recommended)
Fluid temperature note	MID-certified 15...120°C
Pipe connection	Internal thread Rp (ISO 7-1) and external thread G (ISO 228-1)
Leakage rate	Air-bubble tight, leakage rate A (EN 12266-1)
Permissible operating pressure	p _S : 1600 kPa
V' _{max}	Adjustable 25...100% of V' _{nom}
The thermal energy meters comply with the requirements of EN 1434 and have a type approval as heat meters according to the European Measuring Instruments Directive 2014/32/EU (MI-004).	
Configurable using the integrated web server or Belimo Assistant 2	
Optional connection to the Belimo Cloud	
Sensor-operated flow or power control	

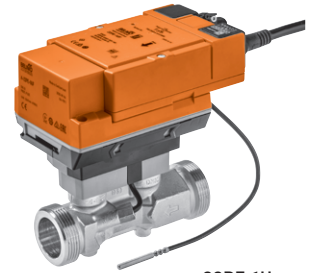


PN	DN	G	Rp	V' _{nom} [l/s]	V' _{nom} [l/min]	V' _{nom} [m ³ /h]	qp [m ³ /h]	Nominal voltage AC/DC 24 V	Modulating (2...10 V, adjustable)	Communication MP-Bus	Communication Modbus	Communication BACnet	Valve type with actuator	EUR
Standard actuators														
25	15	3/4"	1/2"	0.42	25	1.5	1.5	24 V	■	■	■	■	EV015R2+MID	1584,00
	20	1"	3/4"	0.69	41.7	2.5	2.5		■	■	■	■	EV020R2+MID	1619,00
	25	1 1/4"	1"	0.97	58.3	3.5	3.5		■	■	■	■	EV025R2+MID	1663,00
	32	1 1/2"	1 1/4"	1.67	100	6	6		■	■	■	■	EV032R2+MID	1839,00
	40	2"	1 1/2"	2.78	166.7	10	10		■	■	■	■	EV040R2+MID	2038,00
	50	2 1/2"	2"	4.17	250	15	15		■	■	■	■	■	EV050R2+MID

S/M

Thermal energy meters with glycol compensation

Communication via MP-Bus, Modbus, BACnet, M-Bus (with converter)



22PE-1U..

Ultrasonic energy meters for reliable determination of energy consumption in systems with water and water-glycol mixtures.

Continuous, automatic measurement and compensation of the glycol content.

Use as heat, cooling or heat/cooling meter and in the supply or return.

Power supply	AC/DC 24 V or PoE (Power over Ethernet)
Degree of protection IEC/EN	IP54
Nominal pressure	PN 25
Connection	Cable 1 m, 6x 0.75 mm ² and RJ45 connector socket
Analogue output	Adjustable 0...10 V, 0.5...10 V, 2...10 V or user defined. E.g. the flow rate or the temperature of the temperature sensor T1/T2 can be output.
Converter for sensors	Optional connection of a passive sensor (Pt1000, Ni1000, NTC10k), an active sensor with output 0...10 V or a switching contact for transfer to bus system
Thermal energy display	Via communication
Communication	MP-Bus, Modbus RTU, Modbus TCP, BACnet MS/TP, BACnet/IP, M-Bus (with converter G-22PEM-A01), NFC
Configuration, diagnostics	Via integrated web server and with Belimo Assistant 2






Measured values

	DN	G	Installation length	Nominal flow qp	Maximum flow qs	Pressure drop Δp@qp	Water	Water-glycol mixtures (≤60% vol.)	Meter type	EUR
Thermal energy, flow, temperature										
0...10 V	15	3/4"	110 mm	1.5 m ³ /h	3 m ³ /h	15 kPa	■	■	22PE-1UC	1053,00
	20	1"	130 mm	2.5 m ³ /h	5 m ³ /h	12 kPa	■	■	22PE-1UD	1180,00
0.5...10 V	25	1 1/4"	135 mm	3.5 m ³ /h	7 m ³ /h	7 kPa	■	■	22PE-1UE	1309,00
2...10 V	32	1 1/2"	140 mm	6 m ³ /h	12 m ³ /h	14 kPa	■	■	22PE-1UF	1442,00
User defined	40	2"	145 mm	10 m ³ /h	20 m ³ /h	18 kPa	■	■	22PE-1UG	1571,00
	50	2 1/2"	145 mm	15 m ³ /h	30 m ³ /h	22 kPa	■	■	22PE-1UH	1711,00




Note: Please also order the required accessories – Starting on **page 30**.

Adapters and pipe connector kits

		For sensors				
		ø	22WDP-..	22WP-..	Type	EUR/pc.
	Reduction adapter G 1/4" (internal thread) to G 1/2" (external thread)			■	A-22WP-A02	18,80
	Pipe connector Stainless steel Pipe 6 and 8 mm to G 1/4" (external thread) Set of 2 pcs.	6 mm	■		A-22WP-A06 ¹⁾	116,00
		8 mm	■		A-22WP-A10 ¹⁾	137,00
	Pipe connector Brass Pipe 6 and 8 mm to G 1/4" (external thread) Set of 2 pcs.	6 mm	■		A-22WP-A04 ¹⁾	59,60
		8 mm	■		A-22WP-A08 ¹⁾	60,50

¹⁾ The price shown is per set.



Connection adapters

		For sensors																						
		01APS-..	01DT-..	01HT-..	01MT-..	01PT-..	01UT-..	22ADP-..	22CT-..	22DC-..	22DCK-..	22DCM-..	22DCV-..	22DT-..	22DTC-..	22DTH-..	22DTM-..	22HH-..	22HT-..	22MT-..	22UT-..	22UTH-..	Type	EUR/pc.
	Connection adapter M20 For cable 1x 6 mm Multipack (10 pcs.)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	A-22G-A01.1 ¹⁾	4,40
	Connection adapter M20 For cable 2x 6 mm Multipack (10 pcs.)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	A-22G-A02.1 ¹⁾	4,50
	Cable entry M20x1.5 Multipack (10 pcs.)	■																					A-22AP-A11.1 ¹⁾	3,00

¹⁾ The price shown is per piece.




S/M

Cable glands

		For sensors																					
		01DT-..	01HT-..	01MT-..	01PT-..	01UT-..	22ADP-..	22CT-..	22DC-..	22DCK-..	22DCM-..	22DCV-..	22DT-..	22DTC-..	22DTH-..	22DTM-..	22HH-..	22HT-..	22MT-..	22UT-..	22UTH-..	Type	EUR/pc.
	Plug-in cable gland For cable 1x 6...8 mm Multipack (10 pcs.)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	A-22G-A25.1 ¹⁾	3,00
	Plug-in cable gland For cable 2x 6 mm Multipack (10 pcs.)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	A-22G-A26.1 ¹⁾	6,70





¹⁾ The price shown is per piece.

Fixing straps and thermal contact fluid

		For sensors						
		01HT-..	01ST-..	22HH-..	22HH-..,X	22HT-..	Type	EUR/pc.
	Fixing strap For pipes ø20...110 mm	□	□			□	A-22P-A47	3,70
	Fixing strap For pipes ø20...250 mm	■	■			■	A-22P-A49	7,90
	Syringe with thermal contact fluid	■	■	□	□	■	A-22P-A44	3,00



□ Accessories included at the factory.

Mounting flanges

		For sensors											Type	EUR/pc.		
		ø	01CT-..	01CT-..F	01DT-..	20DTS-..	22DC-..	22DCK-..	22DCM-..	22DCV-..	22DT-..	22DTC-..	22DTH-..	22DTM-..		
	Mounting flange Plastic For sensor probe 6 mm Up to max. 120°C	4...7 mm	■	□	■						■				A-22D-A03	11,00
	Mounting flange Brass For sensor probe 6 mm Up to max. 260°C	6 mm			■										A-22D-A05	22,60
	Mounting flange Plastic For frost monitor 20DTS-..					■									A-22D-A12	25,40
	Mounting flange Plastic For duct sensor 19.5 mm Up to max. 120°C	20 mm					□	□	□	□		□	□	□	A-22D-A35	18,60



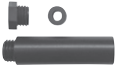


□ Accessories included at the factory.

Mounting accessories

		For sensors											Type	EUR/pc.	
		01APS-..	01ATS-..	01DT-..	01UT-..	22ADP-..	22CT-..	22DT-..	22HH-..	22MT-..	22UT-..	22UTH-..	22WDP-..		
	Mounting clip With screws and adhesive foil			□				□						A-22D-A11	3,10
	Mounting plate S housing			■	□		□	■	□	□	□			A-22D-A09	7,20
	Mounting plate L housing					□						□		A-22D-A10	9,40
	Mounting kit With 6 retaining brackets		□							□				A-22D-A08	15,30
	Mounting brackets S form for 01APS-.., metal	■												A-22AP-A07	6,40
	Mounting brackets L form for 01APS-.., metal	■												A-22AP-A06	6,40
	Mounting brackets For 22WDP-.., metal											□		A-22WP-A11	22,70



□ Accessories included at the factory.

Thermowells and compression fittings





	Sleeve length	For sensors										Type	EUR/pc.				
		01DT...H	01DT...L	01DT...N	01DT...P	01DT...R	01DT...T	22DT...H	22DT...L	22DT...N	22DT...P			22DT...R	22DT...T		
	Thermowell Stainless steel G 1/2", SW27	50 mm	■	□				■								A-22P-A06	37,20
		100 mm		■	□				■							A-22P-A08	38,50
		150 mm			■	□					■					A-22P-A10	41,80
		200 mm				■						■				A-22P-A12	44,40
		250 mm					□						□			A-22P-A29	47,10
		300 mm					■							■		A-22P-A14	48,80
		450 mm						■							■	A-22P-A16	52,60
	Thermowell Brass R 1/2", SW22	50 mm	■					■	□						A-22P-A18	18,50	
		100 mm		■					■	□					A-22P-A20	18,00	
		150 mm			■						■	□			A-22P-A22	20,00	
		200 mm				■						■			A-22P-A24	22,00	
		250 mm					□						□		A-22P-A30	23,30	
		300 mm					■							■	A-22P-A26	24,80	
		450 mm						■							■	A-22P-A28	28,20
	Cold barrier Plastic L 50 mm For thermowell A-22P-A..			■	■	■	■	■	■	■	■	■	■	■	A-22P-A51	25,00	
	Compression fitting Stainless steel G 1/4" (external thread) for 6 mm With cutting ring		■	■	■	■	■	■	■	■	■	■	■	■	A-22P-A45	31,40	
	Adapter for Siemens thermowell Plastic With thermal contact fluid				■	■	■	■		■	■	■	■	■	A-22P-A53	38,00	

□ When a cold barrier is used.

Thermowell kits

	Sleeve length	For sensors			Type	EUR/pc.	
		01HT-101CA	EXT-J-00734645	EXT-J-00734647			
	Thermowell kit Nickel-plated brass For sensor probe 6 mm Incl. probe fastening material G 1/2", SW22	100 mm	■	■	■	A-22P-A61	23,60
		150 mm	■	■	■	A-22P-A62	26,00
		200 mm	■	■	■	A-22P-A63	30,30
	Thermowell kit Stainless steel For sensor probe 6 mm Incl. probe fastening material G 1/2", SW22	100 mm	■	■	■	A-22P-A64	37,80
		150 mm	■	■	■	A-22P-A65	41,60
		200 mm	■	■	■	A-22P-A66	56,60



Accessories for differential pressure sensors air

		For sensors				
		Length	01APS-..	22ADP-..	Type	EUR/pc.
	Duct connector Metal Tube connection 5 mm	40 mm	■	■	A-22AP-A02	9,70
	Duct connector Metal Tube connection 5 mm	100 mm	■	■	A-22AP-A04	12,90
	Duct connector Plastic Tube connection 6 mm Multipack (90 pcs.)	80 mm	■		A-22AP-A09.1 ¹⁾	0,92
	Duct connector kit PVC tube 2 m 2 duct connectors, plastic	2000 mm	■	□	A-22AP-A08	6,90
	Duct connector kit PVC tube 2 m 2 duct connectors, plastic Multipack (50 pcs.)	2000 mm	□		A-22AP-A05.1 ¹⁾	3,80

□ Accessories included at the factory.



¹⁾ The price shown is per unit.

Accessories for humidity sensors





		For sensors			
		22DTH-..	22UTH-..	Type	EUR/pc.
	Replacement filter Stainless steel Wire mesh	■	■	A-22D-A06	9,60
	Rain cover For 22UTH-11 and 22UTH-13		■	A-22U-A01	9,30

S/M




Insulation shells

	DN	2-way	For sensors and meters		For valves	Type	EUR/pc.
			22PE..	22PF-1U..	EV..R2+MID		
 Insulation shell for Belimo Energy Valve™ Only for non-condensing applications Included in the scope of delivery for the device	15...25	■			■	Z-INSH15	32,70
	32...50	■			■	Z-INSH32	38,10
 Insulation shell for thermal energy meters and flow sensors Only for non-condensing applications Included in the scope of delivery for the device	15...25	■	■	■		A-22PEM-A01	24,50
	32...50	■	■	■		A-22PEM-A02	26,80



MID accessory kits

	DN	G	Rp	Fitting piece length	For meters		For valves	Type	EUR/pc.
					22PEM-1U..	EV..R2+MID			
 MID accessory kit without fitting piece Consisting of open/close valve (2x) and ball valve with measuring port M10x1 for external direct immersion temperature sensor T1	15	3/4"	1/2"		■			EXT-EF-15A	99,10
	20	1"	3/4"		■			EXT-EF-20A	113,00
	25	1 1/4"	1"		■			EXT-EF-25A	156,00
	32	1 1/2"	1 1/4"		■			EXT-EF-32A	342,00
	40	2"	1 1/2"		■			EXT-EF-40A	468,00
	50	2 1/2"	2"		■			EXT-EF-50A	722,00
 MID accessory kit with fitting piece Consisting of open/close valve (2x) and ball valve with measuring port M10x1 for external direct immersion temperature sensor T1	15	3/4"	1/2"	110 mm	■			EXT-EF-15B	151,00
	20	1"	3/4"	130 mm	■			EXT-EF-20B	189,00
	25	1 1/4"	1"	135 mm	■			EXT-EF-25B	243,00
	32	1 1/2"	1 1/4"	140 mm	■			EXT-EF-32B	436,00
	40	2"	1 1/2"	145 mm	■			EXT-EF-40B	578,00
	50	2 1/2"	2"	145 mm	■			EXT-EF-50B	856,00
 MID accessory kit Belimo Energy Valve™ Consisting of open/close valve and ball valve with measuring port M10x1 for external direct immersion temperature sensor T1	15	3/4"	1/2"			■		EXT-EF-15C	73,20
	20	1"	3/4"			■		EXT-EF-20C	81,60
	25	1 1/4"	1"			■		EXT-EF-25C	112,00
	32	1 1/2"	1 1/4"			■		EXT-EF-32C	267,00
	40	2"	1 1/2"			■		EXT-EF-40C	359,00
	50	2 1/2"	2"			■		EXT-EF-50C	548,00
 MID accessory kit Belimo Energy Valve™ Consisting of ball valve with measuring port M10x1 for external direct immersion temperature sensor T1	15		1/2"		■	■		EXT-EF-15E	41,30
	20		3/4"		■	■		EXT-EF-20E	44,60
	25		1"		■	■		EXT-EF-25E	63,60
	32		1 1/4"		■	■		EXT-EF-32E	186,00
	40		1 1/2"		■	■		EXT-EF-40E	257,00
	50		2"		■	■		EXT-EF-50E	297,00

Open/close valves and pipe connectors



	DN	G	Rp	For sensors and meters			For valves	Type	EUR/pc.	
				22PE-1U..	22PEM-1U..	22PF-1U..	EV..R2+MID			
 Open/close valve Nickel-plated brass With sealing hole	15	3/4"	1/2"	■	■	■	■	EXT-EF-15G	41,50	
	20	1"	3/4"	■	■	■	■	EXT-EF-20G	49,20	
	25	1 1/4"	1"	■	■	■	■	EXT-EF-25G	64,70	
	32	1 1/2"	1 1/4"	■	■	■	■	EXT-EF-32G	119,00	
	40	2"	1 1/2"	■	■	■	■	EXT-EF-40G	155,00	
	50	2 1/2"	2"	■	■	■	■	EXT-EF-50G	317,00	
 Pipe connector For ball valve with internal thread Nickel-plated brass	15		1/2"				■	ZR2315	15,40	
	20		3/4"					■	ZR2320	17,10
	25		1"					■	ZR2325	21,70
	32		1 1/4"					■	ZR2332	32,20
	40		1 1/2"					■	ZR2340	44,30
	50		2"					■	ZR2350	73,30
 Pipe connector With internal thread Nickel-plated brass Incl. gasket 2 pieces each are required for sensors and meters	15	3/4"	1/2"	■	■	■	■	ZREV15F	14,10	
	20	1"	3/4"	■	■	■	■	ZREV20F	21,60	
	25	1 1/4"	1"	■	■	■	■	ZREV25F	35,60	
	32	1 1/2"	1 1/4"	■	■	■	■	ZREV32F	50,60	
	40	2"	1 1/2"	■	■	■	■	ZREV40F	63,80	
	50	2 1/2"	2"	■	■	■	■	ZREV50F	98,20	

Thermowells



	DN	G	For meters		Type	EUR/pc.
			22PE-1U..			
 Thermowell For external temperature sensor T1	15...50	1/4"	■		A-22PE-A07 ¹⁾	22,90
	65...100	1/2"	■		A-22PE-A08	50,20

¹⁾ Included in scope of delivery of the 22PE-... meters.



T-pieces

	DN	Rp	For meters		For valves	Type	EUR/pc.
			22PE-1U..	22PEM-1U..	EV..R2+MID		
 <p>T-piece with thermowell For external temperature sensor T1</p>	15	1/2"	■			A-22PE-A01	33,90
	20	3/4"	■			A-22PE-A02	40,40
	25	1"	■			A-22PE-A03	48,80
	32	1 1/4"	■			A-22PE-A04	59,30
	40	1 1/2"	■			A-22PE-A05	71,10
	50	2"	■			A-22PE-A06	92,90
 <p>T-piece M10x1 For external direct immersion temperature sensor T1</p>	15	1/2"		■	■	A-22PEM-A06	20,20
	20	3/4"		■	■	A-22PEM-A07	25,20
	25	1"		■	■	A-22PEM-A08	35,40
	32	1 1/4"		■	■	A-22PEM-A09	45,40
	40	1 1/2"		■	■	A-22PEM-A10	57,60
	50	2"		■	■	A-22PEM-A11	79,80


Thermal energy meter accessories

	For meters		For valves	Type	EUR/pc.
	22PE-1U..	22PEM-1U..	EV..R2+MID		
 <p>Security seal Consecutively numbered (unique number) With attached wire Set of 2 pcs.</p>		■	■	A-22PEM-A03	22,90
 <p>Silicone grommet with clamp IP54 protection for RJ connection module</p>	■	■	■	A-22PEM-A04	28,00



Cables

	Cable length	For sensors			Type	EUR/pc.
		22PDP-..	22WDP-..	22WP-..		
 Connecting cable for 22WP-.. and 22WDP-.. Valve plug Type A, black Cable: PVC black, 4x 0.75 mm ² , numbered Free ends with wire sleeves	1.5 m		■	■	EXT-MR-249184	51,10
	5 m		■	■	EXT-MR-249185	55,60
 Extension cable set for 22PDP-.. With pre-assembled M12 connector plugs	7 m	■			A-22PDP-A02	286,00

M-Bus converters

















	For meters		For valves	Type	EUR/pc.
	22PE-1U..	22PEM-1U..	EV..R2+MID		
 M-Bus converter Intelligent junction box with AC/DC 24 V Interface MP-Bus to M-Bus For the connection of a thermal energy meter or Belimo Energy Valve™	■	■	■	G-22PEM-A01	388,00

Sensor modules as spare parts







	DN	For meters		For valves	Type	EUR/pc.
		22PE-1U..	22PEM-1U..	EV..R2+MID		
 Sensor module MID Spare part for thermal energy meter with MID approval Incl. 2 security seals and 1 seal	15		■	■	R-22PEM-0UC	586,00
	20		■	■	R-22PEM-0UD	621,00
	25		■	■	R-22PEM-0UE	654,00
	32		■	■	R-22PEM-0UF	688,00
	40		■	■	R-22PEM-0UG	721,00
	50		■	■	R-22PEM-0UH	760,00
 Sensor module Spare part for thermal energy meter without MID approval	15	■			R-22PE-0UC	490,00
	20	■			R-22PE-0UD	524,00
	25	■			R-22PE-0UE	558,00
	32	■			R-22PE-0UF	591,00
	40	■			R-22PE-0UG	625,00
	50	■			R-22PE-0UH	663,00

S/M

Service tools



		Download from
	<p>Belimo Assistant 2 Settings and quick diagnostics for Belimo devices via smartphone, tablet or desktop – even in unpowered state.</p> <p>    </p>	<p>   </p>
		<p>   </p>
		<p>   </p>
	<p>Belimo Duct Sensor Assistant App Settings and quick diagnostics for Belimo sensors via Bluetooth dongle (A-22G-A05).</p> <p>  </p>	<p>   </p>
		<p>   </p>

End-user tools

		Download from
	<p>Belimo Display App End-user app for the display of current room values and the adaptation of setpoints per smartphone via NFC.</p> <p>  </p>	<p>   </p>
		<p>   </p>

Converters

For sensors and meters

	22PE...	22PEM...	22PF...	22RT..	P-22RT..	22ADP...	22DC-13	22DCK-11	22DCM-11	22DCV-11	22DTC...	22DTH-15..	22DTH-16	22DTM...	22UTH-150X	22UTH-160X	Type	EUR/pc.
 <p>Belimo Assistant Link Converter for the connection between Belimo Assistant 2 and the configurable and communicative devices from Belimo. Supports Bluetooth and USB to NFC and MP-Bus.</p>	■	■	■	■	■												LINK.10	438,00
 <p>Bluetooth USB dongle Converter for the temporary, wireless operation of Belimo sensors. Works in combination with the Belimo Duct Sensor Assistant App. Available in all EU and EFTA countries and in the UK. With interface board.</p>						■	■	■	■	■	■	■	■	■	■	■	A-22G-A05	213,00

(The currently valid General Terms and Conditions are available on the Internet.)
As of April 2024 / V1

1. Scope

These General Terms and Conditions are applicable for deliveries and services of BELIMO Automation Handelsgesellschaft m.b.H., FN 37854v, Brunner Straße 63/20, 1230 Vienna (hereinafter "BELIMO") to the client.

If the customer requests a delivery or service abroad, the contract will be concluded with the local BELIMO company in that country or with a BELIMO company named by BELIMO in the order confirmation. In such a case, the General Terms and Conditions of the BELIMO company named in the order confirmation will be applicable. Should our delivery also include Software and accompanying documentation, the relevant licence conditions shall apply. However, these General Terms and Conditions of Business shall also apply in addition to the licence conditions

These GTC shall apply to all legal transactions and legal relationships between the client and the contractor, not only to the first legal transaction, but also to any and all additional and follow-up orders as well as further legal transactions. Our terms and conditions shall apply exclusively to all contracts entered into with us. The client's terms and conditions of purchase and terms of business do not form part of the contract and are expressly excluded. We hereby affirm that we wish to contract exclusively in accordance with these GTC.

2. Creation of the contract

The contract is deemed to be created upon receipt of an order confirmation by the client or, in the absence of such confirmation, upon the picking of the ordered products by BELIMO. All catalogues, brochures and publications on the Internet shall be deemed to be an invitation to offer and shall not be binding on BELIMO. Modifications or additions to these GTC or to the contract are invalid without written approval by BELIMO. Orders that deviate from the specifications published by BELIMO or that contain additions or modifications made by the client shall only be effective if they have been expressly approved by BELIMO in a written order confirmation.

3. Cancellation of the contract

Orders for catalogue products (standard products) can be cancelled by the client until the ordered products have been picked by BELIMO, provided that BELIMO has received the cancellation notification prior to the time of picking. Orders for customer products (custom-made products, etc.) can only be cancelled up to four hours after receipt of the order by BELIMO.

In this case, the client will be charged a processing fee of 10% of the net order amount. In the case of custom-made products or configured actuators, the client will be charged a processing fee of 20% of the net order amount.

4. Prices

Unless expressly stated otherwise, all prices are net, excluding VAT.

The net price includes standard packaging of the products ordered. All other costs, such as for transport, insurance, taxes, customs duties and export, import or other necessary permits, shall be invoiced as additional charges. Furthermore, additional services provided by BELIMO, e.g. assembly, commissioning and compilation of diagrams, etc., are not included in the net price. For orders with a net price of less than EUR 150, a small-order surcharge of EUR 20 will be charged. BELIMO reserves the right to change its prices at any time up to the creation of the contract.

5. Delivery conditions

All times, dates and delivery deadlines shall be considered non-binding unless their binding nature has been expressly agreed in writing. Delivery deadlines and dates expressly agreed in writing as binding shall be deemed to have been met if the product has been made available in the distribution warehouse before the relevant date has passed. If BELIMO has a delay in delivery, it shall be assumed that the client still requires the delivery. Compensation for late delivery or replacement shall be excluded.

Unless otherwise stated on the order confirmation, deliveries shall be made in accordance with Incoterms® 2020 DAP Goods Recipient (DAP = Delivered At Place, delivery address ship-toparty).

BELIMO reserves the right not to deliver the ordered products in the event of their unavailability. In this case, BELIMO will inform the client immediately of the unavailability and refund any payment already made.

6. Payment conditions

BELIMO invoices must be paid in full within 30 days of the invoice date. After expiry of the payment deadline, the client will automatically owe BELIMO a reminder charge of EUR 50 or interest on arrears in accordance with Section 456 of the Austrian Commercial Code (UGB) at 9.2% above the base interest rate p.a. Should the interest on arrears exceed the amount of the reminder charge. Should the client fail to pay, BELIMO reserves the right to withhold further deliveries.

The client is not entitled to offset outstanding accounts from BELIMO with any counterclaims.

7. Application, installation and use of BELIMO products

BELIMO products are intended for professional use only. BELIMO products may only be installed and replaced by trained specialist personnel. BELIMO products must be used in accordance with the specifications of the respective currently valid data and assembly sheet. The use of Belimo Cloud Services is subject to the "Terms of Use for Belimo Cloud Services" as amended from time to time.

8. Specifications

Unless otherwise expressly agreed, the information published by BELIMO in catalogues, brochures, websites, data and assembly sheets or other publications in text or picture form (e.g. illustrations or drawings) exhaustively define the quality of the goods delivered by BELIMO and their possible uses and do not constitute a guarantee of durability or quality.

The quality of the products delivered may differ in terms of material, colour or shape from images or samples. BELIMO accepts no responsibility whatsoever with regard to the suitability or fitness of the products for a particular purpose.

The specifications communicated by BELIMO are only to be regarded as a guideline. BELIMO reserves the right to change the specifications provided for the products or to supply other equivalent products from third-party suppliers instead of the ordered products.

9. Reservation of title

The products delivered shall remain the property of BELIMO until such time as all BELIMO receivables from the client have been settled in full.

10. Passing of risk

Benefit and risk with regard to the products shall pass to the client in accordance with the agreed Incoterms® 2020.

11. Product return

BELIMO may, upon prior agreement, take back catalogue products (standard products), provided that they are still featured in the product range at the time of return and are brand new, i.e. no more than six months old, unused and in their original packaging. BELIMO is not obliged to take back the products. The return of customer products (custom-made products, designed to order, configured actuators), Openline products or products specially procured at the request of the customer is excluded.

Catalogue products must be returned carriage paid to BELIMO Automation Handelsgesellschaft m.b.H., FN 37854v, Brunner Straße 63/20, 1230 Vienna, enclosing a copy of the invoice and stating the reason for the return.

A processing fee of at least 20 % of the current list price shall be deducted from the credit note agreed with the client. Cash payment of the credit note is excluded. It can only be used as credit against future orders.

12. Duty of examination

The client shall examine all products for defects within 5 working days of receipt. Any defects are to be reported to BELIMO immediately in writing; the product will otherwise be deemed to be approved. Hidden defects must be reported in writing within 5 working days after they are discovered.

13. Warranty

With its warranty, BELIMO guarantees during the warranty period in accordance with this clause 13 that the delivered products meet the specifications explicitly listed on the corresponding data sheets. In all other respects, the warranty is excluded to the extent permitted by law.

In particular, no warranty is given in respect of damages resulting from or partly caused by the client or by third parties acting within the scope of responsibility of the client when

- a) products are used in areas that are not specified in the data and assembly sheets, especially in aircraft and any other airborne means of transport;
- b) products are used without complying with legal or official regulations or disregarding instructions from BELIMO (especially regarding assembly, commissioning, operating instructions and information on the data and assembly sheets);
- c) products are used under special conditions, especially under the continuous influence of aggressive chemicals, gases or liquids or outside of the permissible operating parameters or conditions of use;
- d) products are assembled, handled or installed incorrectly or without due care or not in accordance with current technical standards or the products are not used or installed by trained specialists;
- e) products are modified or repaired without the prior written approval of BELIMO;
- f) products wear out as a result of improper or unintended use or excessive stress;
- g) products are not properly stored; and
- h) the client or third parties are responsible for the damage.

BELIMO also offers no warranty for normal wear and tear, including all types of corrosion, operational or environmental wear and tear and similar, insofar as this is not due to defects in materials or workmanship.

Further warranty exclusions apply to Openline products in accordance with the Openline framework agreement concluded between BELIMO and the client.

The client is liable for actions or omissions of auxiliary personnel as for his own actions.

The warranty period is five years from the date of manufacture for BELIMO products. For Openline products, the warranty period is two years from the date of delivery. For products not manufactured by BELIMO (trade products), the warranty period shall be as stated in the order confirmation.

Trade products are marked as such, either with the manufacturer's name and/or the manufacturer's logo. The warranty period for trade products is generally one year from the date of delivery, in exceptional cases two years from the date of delivery. The warranty period shall commence at the time of manufacture or delivery of the product, without requiring approval or testing by the client.

The client shall immediately take all appropriate measures to minimise damage.

If timely notification has been provided in accordance with Section 12 above, BELIMO is obliged either to replace defective products with products that are equal or equivalent, to have them repaired either by BELIMO or third parties at BELIMO's expense or to issue the client a credit note in the amount of the net price paid for the defective product.

BELIMO shall decide which of these measures will be taken.

The warranty period does not restart from the beginning for replaced products.

BELIMO may require the client to replace certain defective products or parts of products in an installation to prevent damage, whereby reasonable client expenses in this context that are approved in advance in writing by BELIMO will be borne by BELIMO.

14. Limitation of liability

The liability of BELIMO is defined conclusively under Section 13. Any other claims of the client against BELIMO, irrespective of the legal basis, in particular in respect of price reduction or rescission, are expressly excluded and waived. The client is not entitled to compensation for damage that has not occurred to the products themselves, nor to compensation for such claims from the client's customers or third parties. In particular, BELIMO does not accept any liability for costs incurred in connection with replacement deliveries (transport, disassembly, assembly, recommissioning and associated clarifications, etc.), costs for determining the causes of damage, for expert opinions or for indirect or consequential damage (including consequential damage resulting from a defect) of any kind, such as loss of use, downtimes, loss of returns, loss of profit, etc., and for damages caused by recall actions, insofar as they were not caused by BELIMO intentionally or through gross negligence.

Insofar as the liability of BELIMO is excluded or limited, this shall also apply to the personal liability of its employees, workers, staff, representatives and vicarious agents.

15. Indemnification

On BELIMO's first request, the client shall fully indemnify and hold harmless BELIMO in respect of any third party claim in connection with the events listed under Section 13. This also applies to claims in connection with product liability.

16. Force majeure

Neither BELIMO nor the client shall be liable for any damage of any kind if obstacles arise which they are unable to prevent despite exercising all due care, irrespective of whether these arise with BELIMO, or with the client or a third party. Such obstacles include, for example, epidemics, pandemics, mobilisation, war, riots, significant operational interruptions, accidents, labour disputes, delayed or faulty deliveries of

the required raw materials, semi-finished and finished goods, non-availability of important workpieces, governmental measures or omissions, embargoes, export or import restrictions, natural phenomena and events that are largely beyond the control of BELIMO or the client. However, payments may not be withheld or delayed in respect of such circumstances.

In such cases, both parties shall, without delay, take all reasonable measures that can be expected of them to prevent damage, or, if damage occurs, to limit the extent of this damage as far as possible.

17. Resale

In the event the product is resold, the client must impose at least the same limitations of warranty restrictions upon the buyer.

18. Privacy policy

BELIMO is committed to implementing lawful data processing that protects your personal data. BELIMO undertakes to process your personal data in accordance with current legislation. We are dependent on the services of third parties for the provision of our services. These third parties only process your data in connection with the services agreed with BELIMO, they ensure the same level of data protection as BELIMO, and will not disclose your data to other third parties without your consent. When processing your data and transferring data to third parties, BELIMO ensures that an appropriate level of data protection is guaranteed and that appropriate organisational and technical measures are implemented to protect your data. Detailed information about our data protection policy can be found here: www.belimo.com/privacy.

19. Modifications

BELIMO reserves the right to amend these GTC at any time.

20. Severability clause

In the event that one or more of the aforementioned provisions should be or become invalid, this shall not affect the validity of the remaining provision.

21. Applicable law and jurisdiction

Austrian law shall apply, excluding the application of the United Nations Convention on Contracts for the International Sale of Goods of 11 April 1980 (Vienna Convention).

The ordinary courts at the registered office of BELIMO Automation Handelsgesellschaft m.b.H., FN 37854v, Brunner Straße 63/20, 1230 Vienna, shall have exclusive jurisdiction over all disputes.

All inclusive.

Belimo as a global market leader develops innovative solutions for the controlling of heating, ventilation and air-conditioning systems. Damper actuators, control valves, sensors and meters represent our core business.

Always focusing on customer value, we deliver more than only products. We offer you the complete product range for the regulation and control of HVAC systems from a single source. At the same time, we rely on tested Swiss quality with a five-year warranty. Our worldwide representatives in over 80 countries guarantee short delivery times and comprehensive support through the entire product life. Belimo does indeed include everything.

The "small" Belimo devices have a big impact on comfort, energy efficiency, safety, installation and maintenance.

In short: Small devices, big impact.



5-year warranty



On site around the globe



Complete product range



Tested quality



Short delivery times



Comprehensive support

