







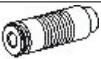
## JUMO heatTHERM-AT and JUMO heatTHERM-DR (603070) – Surface-Mounted Thermostat

- Liquid expansion
- Microswitch with snap-action system
- Temperature compensation
- "Push-In®" clamps
- UL approval possible



### Order details

<b>(1) Basic type</b>		
603070	heatTHERM-AT with single-pole snap-action switch	
<b>(2) Basic type extension</b>		
0001	Temperature controller (TR)	
0002	Temperature monitor (TW)	
0020	Safety temperature monitor (STW) / exhaust temperature monitor (ATW)	
0070	Safety temperature limiter (STB)	
0120	Temperature controller / safety temperature monitor (TR/STW)	
0170	Temperature controller / safety temperature limiter (TR/STB)	
0202	Temperature monitor / temperature monitor (TW/TW)	
<b>(3) Design type</b>		
5	Surface-mounting thermostat	
6	Room thermostat (AT)	
7	DIN rail thermostat (DR)	
8	DIN rail thermostat for rooms (DR)	
<b>(4) Control range 1</b>		
000	Fixed limit value	
016	-10...+40 °C	
021	0 to 50 °C	
026	0...120 °C	
028	0...200 °C	
040	20...80 °C	
043	20 to 150°C	
064	50...300 °C	
671	70...130 °C	
<b>(5) Limit value range (STB)</b>		
000	Single thermostat	
016	-10...+40 °C	
021	0...50 °C	
671	70...130 °C	
<b>(6) Limit value STW/STB</b>		
000	With adjustable control / limit value	
095	95 °C	
100	100 °C	
110	110 °C	
<b>(7) Limit value 2 STW/B</b>		

000	With adjustable range / limit value	
095	95 °C	
100	100 °C	
110	110 °C	
<b>(8) Switching differential</b>		
00	Without switching differential	
25	2,5 %	
70	7 %	
<b>(9) Switching differential 2</b>		
00	Without switching differential (STB)	
25	2,5 % of scale	
70	7 % of scale	
<b>(10) Capillary length</b>		
0	Only for room thermostat	
1000	1000 mm	
2000	2000 mm	
3000	3000 mm	
4000	4000 mm	
5000	5000 mm	
<b>(11) Capillary length 2</b>		
0	Only for room thermostat	
1000	1000 mm	
2000	2000 mm	
3000	3000 mm	
4000	4000 mm	
5000	5000 mm	
<b>(12) Material of capillary</b>		
00	Without capillary	
20	CrNi (stainless steel)	Price per 1000 mm Capillary length
40	Cu (copper)	Price per 1000 mm Capillary length
<b>(13) Material of capillary 2</b>		
00	Without capillary	
20	CrNi (stainless steel)	Price per 1000 mm Capillary length 2
40	Cu (copper)	Price per 1000 mm Capillary length 2
<b>(14) Process connection</b>		
10	Plain cylindrical probe	
15	Coiled probe	
76	Cooling fins heatTHERM	
80	Cooling fins with mounting flange	
<b>(15) Probe diameter</b>		
17	17 mm coiled probe for room thermostat	
6	6 mm	
<b>(16) Probe diameter 2</b>		
00	Single thermostat	
17	17 mm	
6	6 mm	
<b>(17) Material of probe</b>		
20	CrNi (stainless steel)	
40	Cu (copper)	
<b>(18) Material of probe 2</b>		
00	Single thermostat	
20	CrNi (stainless steel)	
40	Cu (copper)	
<b>(19) Material of tube</b>		
00	Without protection tube	
13	PVC tube	
<b>(20) Length of capillary protection tube</b>		
0	No protection tube	

460	460 mm
<b>(21) Extra codes</b>	
000	Without approval
061	With UL approval
402	Protection IP54
702	Snap action contact with gold-plating
707	Temperature compensation
749	Adjustment range with 250 angular degrees (only for STB / STW)
758	Strap

**Order code**

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21)  
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**Admissible control ranges according to basic type, product group 603070**

Control range	TR/TW	STW/STB
016	-10 to +40 °C	X
021	0 to 50 °C	X
026	0 to 120 °C	X
028	0 to 200 °C	X
040	20 to 80 °C	X
043	20 to 150 °C	X
064	50 to 300 °C	X
640	50 to 300 °C	X
671	70 to 130 °C	X
380	20 to 280 °C	ATW

**Important note:**

**Minimum order quantity for production orders: 100 pieces.**

**When ordering accessories < 100 EUR a processing fee of 25 EUR applies.**



Accessories see price sheet:

- Process Connections for Thermostats (606710)