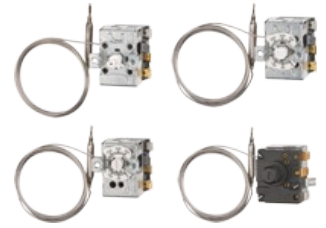


JUMO heatTHERM – Panel-Mounted Thermostat (602031)

- Liquid expansion
- Microswitch with snap-action system
- Temperature compensation
- Safety switch-off
- Cadmium-free, RoHS compliant



Order details

(1) Basic type		
602030/01	TR temperature controller, adjustable	
602030/02	TW temperature monitor, adjustable	
602031/20	STW safety temperature monitor, fixed value	
602031/21	STW safety temperature monitor, adjustable	
602031/80	STB safety temperature limiter, fixed value	
602031/81	STB safety temperature limiter, adjustable	
(2) Control range 1		
026	0..120 °C	
028	0...200 °C	
041	20 to 90 °C	
043	20..150 °C	
064	50..300 °C	
640	50..300 °C (S)	
666	95..120 °C	
671	70..130 °C	
(3) Limit value STW/STB		
000	With adjustable control / limit value	
095	95 °C	
100	100 °C	
110	110 °C	
(4) Switching differential		
00	Without switching differential	
25	2,5 %	
70	7 %	
(5) Capillary length		
1000	1000 mm	
2000	2000 mm	
3000	3000 mm	
(6) Material of capillary		
20	CrNi (stainless steel)	Price per 1000 mm Capillary length
40	Cu (copper), diameter 1.25 mm	Price per 1000 mm Capillary length
(7) Process connection		
10	Plain cylindrical probe	
(8) Probe diameter		
4	4 mm	
6	6 mm	
(9) Material of probe		
20	CrNi (stainless steel)	
40	Cu (copper)	
(10) Material of tube		
00	Without protection tube	
01	PTFE-Schrumpfschl. 01 ø2,3mm	
13	PVC tube	
(11) Length of capillary protection tube		
0	No protection tube	
460	460 mm	
(12) Extra codes		
000	Without extra code	

702	Snap action contact with gold-plating
707	Temperature compensation
742	Straight flat plug
749	Adjustment range with 250 angular degrees (only for STB / STW)

Order code

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12)

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Admissible control ranges according to basic type, product group 602031

| Control range | TR/TW | STW/STB |
|---------------|--------------|---------|
| 026 | 0 to 120 °C | X |
| 028 | 0 to 200 °C | X |
| 041 | 20 to 90 °C | X |
| 043 | 20 to 150 °C | X |
| 064 | 50 to 300 °C | X |
| 640 | 50 to 300 °C | X |
| 666 | 95 to 120 °C | X |
| 671 | 70 to 130 °C | X |

Important note!!

For production orders the minimum purchase is 500 pieces.

Attention! Please note that the minimum order for stock versions consists of 5 pieces.



Stock versions

| Order code | Control range 1 | Limit value STW/STB | Capillary length | Probe diameter | Part no. |
|--|-------------------|---------------------------------------|------------------|----------------|----------|
| 602030/01-041-000-25-2000-40-10-6-40-13-460/707, | 20 to 90 °C | With adjustable control / limit value | 2000 mm | 6 mm | 60003218 |
| 602030/01-041-000-70-2000-40-10-6-40-13-460/707, | 20 to 90 °C | With adjustable control / limit value | 2000 mm | 6 mm | 60003280 |
| 602030/01-026-000-25-2000-40-10-6-40-13-460/707, | 0..120°C | With adjustable control / limit value | 2000 mm | 6 mm | 60003219 |
| 602030/01-028-000-25-2000-40-10-6-40-13-460/707, | 0...200 °C | With adjustable control / limit value | 2000 mm | 6 mm | 60003220 |
| 602030/01-064-000-25-2000-40-10-6-20-13-460/707, | 50..300 °C | With adjustable control / limit value | 2000 mm | 6 mm | 60003221 |
| 602030/02-041-000-25-2000-40-10-6-40-13-460/707, | 20 to 90 °C | With adjustable control / limit value | 2000 mm | 6 mm | 60003222 |
| 602030/02-041-000-70-2000-40-10-6-40-13-460/707, | 20 to 90 °C | With adjustable control / limit value | 2000 mm | 6 mm | 60003281 |
| 602030/02-026-000-25-2000-40-10-6-40-13-460/707, | 0..120°C | With adjustable control / limit value | 2000 mm | 6 mm | 60003223 |
| 602030/02-028-000-25-2000-40-10-6-40-13-460/707, | 0...200 °C | With adjustable control / limit value | 2000 mm | 6 mm | 60003224 |
| 602030/02-064-000-25-2000-40-10-6-20-13-460/707, | 50..300 °C | With adjustable control / limit value | 2000 mm | 6 mm | 60003225 |
| 602031/21-671-000-70-2000-40-10-6-40-13-460/707, | 70..130 °C | With adjustable control / limit value | 2000 mm | 6 mm | 60003226 |
| 602031/80-000-100-00-2000-40-10-6-40-13-460/707, | Fixed limit value | 100 °C | 2000 mm | 6 mm | 60002994 |
| 602031/81-666-000-00-2000-40-10-6-40-13-460/707, | 95..120 °C | With adjustable control / limit value | 2000 mm | 6 mm | 60002995 |
| 602031/81-671-000-00-2000-40-10-6-40-13-460/707, | 70..130 °C | With adjustable control / limit value | 2000 mm | 6 mm | 60003136 |
| 602031/81-043-000-00-2000-40-10-6-40-13-460/707,749, | 20..150 °C | With adjustable control / limit value | 2000 mm | 6 mm | 60003291 |
| 602031/81-640-000-00-2000-40-10-6-20-13-460/707,749, | 50..300 °C (S) | With adjustable control / limit value | 2000 mm | 6 mm | 60003292 |

Accessories see price sheet:

- Process Connections for Thermostats (606710)
- Setpoint Adjuster for Thermostats (606715)