


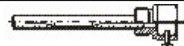
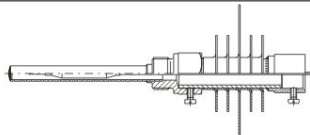
Surface-Mounted Double Thermostat, ATH Series (603026)

- Liquid expansion
- Microswitch
- Self-monitoring (STB/STW)
- Safety switch-off (STB/STW)
- 2 separate measuring and switching systems



Order details

| | |
|------------------------------------|---|
| (1) Basic type | |
| 603026 | Surface-mounting double thermostat, model ATH |
| (2) Basic type extension | |
| 0101 | ATH.-11 temperature controller / temperature controller (TR/TR) |
| 0102 | ATH.-12 temperature controller / temperature monitor (TR/TW) |
| 0120 | ATH.-120 temperature controller / safety temperature monitor (TR/STW(STB)) |
| 0170 | ATH.-170 temperature controller / safety temperature limiter (TR/STB) |
| 0202 | ATH.-22 temperature monitor / temperature monitor (TW/TW) |
| 0220 | ATH.-220 temperature monitor / safety temperature monitor (TW/STW(STB)) |
| 0270 | ATH.-270 temperature monitor / safety temperature limiter (TW/STB) |
| 2020 | ATH.-2020 safety temperature monitor / safety temperature monitor (STW(STB)/STW(STB)) |
| 2070 | ATH.-2070 safety temperature monitor / safety temperature limiter (STW(STB)/STB) |
| 7070 | ATH.-7070 safety temperature limiter / safety temperature limiter (STB/STB) |
| (3) Design type | |
| 1 | With rigid thermowell |
| 2 | With capillary |
| (4) Control range 1 | |
| 014 | -20...+50 °C |
| 016 | -10...+40 °C |
| 021 | 0 to 50 °C |
| 025 | 0 to 100 °C |
| 041 | 20 to 90 °C |
| 042 | 20...120 °C |
| 043 | 20...150 °C |
| 045 | 20...400 °C |
| 046 | 20...500 °C |
| 052 | 30 to 110 °C |
| 062 | 50...200 °C |
| 063 | 50...250 °C |
| 064 | 50...300 °C |
| 066 | 60...130 °C |
| (5) Limit value range (STB) | |
| 014 | -20...+50 °C |
| 016 | -10...+40 °C |
| 021 | 0...50 °C |
| 025 | 0...100 °C |
| 041 | 20...90 °C |
| 042 | 20...120 °C |
| 043 | 20...150 °C |
| 045 | 20...400 °C |
| 046 | 20...500 °C |
| 052 | 30...110 °C |
| 062 | 50...200 °C |
| 063 | 50...250 °C |
| 064 | 50...300 °C |
| 066 | 60...130 °C |
| (6) Switching differential | |

| | | |
|---|-----------------------------------|---|
| 00 | Without switching differential | |
| 15 | 1,5 % | |
| 20 | 2 % | |
| 30 | 3 % | |
| 50 | 5 % | |
| 60 | 6 % | |
| 70 | 7 % | |
| 90 | 9 % | |
| (7) Switching differential 2 | | |
| 00 | Without switching differential | |
| 15 | 1,5 % | |
| 20 | 2 % | |
| 30 | 3 % | |
| 50 | 5 % | |
| 60 | 6 % | |
| 70 | 7 % | |
| 90 | 9 % | |
| (8) Capillary length | | |
| 0 | without capillary | |
| 1000 | 1000 mm | |
| 2000 | 2000 mm | |
| 3000 | 3000 mm | |
| 4000 | 4000 mm | |
| 5000 | 5000 mm | |
| (9) Capillary length 2 | | |
| 0 | without capillary | |
| 1000 | 1000 mm | |
| 2000 | 2000 mm | |
| 3000 | 3000 mm | |
| 4000 | 4000 mm | |
| 5000 | 5000 mm | |
| (10) Material of capillary | | |
| 00 | Without capillary | |
| 20 | CrNi (stainless steel) | |
| 40 | Cu (copper) | |
| (11) Material of capillary 2 | | |
| 00 | Without capillary | |
| 20 | CrNi (stainless steel) | |
| 40 | Cu (copper) | |
| (12) Process connection | | |
| 10 | Plain cylindrical probe |  |
| 20 | Screw-in thermowell |  |
| 30 | Screw-in pocket with cooling fins |  |
| (13) Thread | | |
| 00 | Without thread | |
| 13 | G 1/2 | |
| (14) Process connection material | | |
| 00 | Without process connection | |
| 20 | CrNi (stainless steel) | |
| 46 | CuZn (brass) | |
| (15) Fitting length | | |
| 000 | Without pocket (ATHf-) | |
| 100 | 100 mm | |
| 120 | 120 mm | |
| 150 | 150 mm | |

| | |
|-------------------------------------|---|
| 200 | 200 mm |
| 300 | 300 mm |
| (16) Immersion tube diameter | |
| 00 | Without thermowell |
| 15 | 15 mm |
| (17) Probe diameter | |
| 6 | 6 mm |
| (18) Extra codes | |
| 000 | Without extra code |
| 248 | Wall bracket |
| 574 | Microswitch with opening contact, restart lock and additional signal contact (only for STB) |
| 701 | Die-cast aluminium housing cover |
| 702 | Snap action contact with gold-plating |
| 711 | Switch head fastening with 2 screws through base of housing |
| 764 | Mounting flange in steel sheet |

Order code

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18)
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Admissible control ranges according to basic type, product group 603026

| Control range | TR/TW/TB | STW/STB |
|---------------|---------------|---------|
| 014 | -20 to +50 °C | X |
| 016 | -10 to +40 °C | X |
| 021 | 0 to 50 °C | X |
| 025 | 0 to 100 °C | X |
| 041 | 20 to 90 °C | X |
| 042 | 20 to 120 °C | X |
| 043 | 20 to 150 °C | X |
| 045 | 20 to 400 °C | X |
| 046 | 20 to 500 °C | X |
| 052 | 30 to 110 °C | X |
| 062 | 50 to 200 °C | X |
| 063 | 50 to 250 °C | X |
| 064 | 50 to 300 °C | X |
| 066 | 60 to 130 °C | X |


DGRL


Accessories see price sheet:

- Process Connections for Thermostats (606710)