

One-stage capillary thermostat JET-1 ...



| Technical data | | Application |
|---------------------------------|--|---|
| Switching capacity: | 15 (8) A, 24–250 V~, min. 150 mA at 24 V~ | Supervision or control of temperatures in non-aggressive, liquid or gasiform media. Specially suited for wall mounting. The protective spiral SW-200-12 is determined for use with all temperature control tasks within non-aggressive types of gas that flow in conduits, while the dip sleeve TH is determined for all control tasks within non-aggressive fluids. The application of the dip sleeve type NTH is required when using the device for the control of temperatures in aggressive fluids. Dip sleeves or protective spiral are not included in the scope of the delivery! |
| Contact: | 1 microswitch as potential-free changeover contact | |
| Ambient temperature: | –20...+55°C | |
| Degree of protection: | IP 65 | |
| Protection class: | I | |
| Sensor: | bulb made of Cu and capillary tube of V2A | |
| Length of capillary: | 1.8 m | |
| Max. sensor temperature: | end-scale value + 15 % | |
| Colour: | grey (bottom part RAL 7016, upper part RAL 7035) | |

| Type | Item No. | Control range | Switching difference adjustable | Sensor dimensions | PG |
|---|-----------|---------------|---------------------------------|-------------------|----|
| JET-110X | JA 040100 | –35...+30°C | 2...20 K (TR) | 9.6x122 mm | B |
| JET-110XF | JA 040200 | –35...+30°C | 2...20 K (TW) | 9.6x122 mm | B |
| JET-110XFG | JA 040201 | –35...+30°C | 2...20 K (TW) | 9.6x122 mm | B |
| JET-112X | JA 040300 | –35...+30°C | TB* | 9.6 x 122 mm | B |
| JET-112XF | JA 040400 | –35...+30°C | TB* | 9.6x122 mm | B |
| JET-120X | JA 041100 | 0...60°C | 2...20 K (TR) | 9.6x122 mm | B |
| JET-120XG | JA 041101 | 0...60°C | 2...20 K (TR) | 9.6 x 122 mm | B |
| JET-120XF | JA 041200 | 0...60°C | 2...20 K (TW) | 9.6x122 mm | B |
| JET-130X | JA 042100 | 40...100°C | 2...20 K (TR) | 9.6x122 mm | B |
| JET-130XG | JA 042101 | 40...100°C | 2...20 K (TR) | 9.6x122 mm | B |
| JET-130XF | JA 042200 | 40...100°C | 2...20 K (TW) | 9.6x122 mm | B |
| JET-133XF | JA 042400 | 40...100°C | TB** | 9.6x122 mm | B |
| JET-140X | JA 043100 | 70...130°C | 2...20 K (TR) | 9.6x122 mm | B |
| JET-140XF | JA 043200 | 70...130°C | 2...20 K (TW) | 9.6x122 mm | B |
| JET-143XF | JA 043400 | 70...130°C | TB** | 9.6x122 mm | B |
| JET-150 | JA 044100 | 100...280°C | 8...50 K (TR) | 6x80 mm | B |
| JET-150F | JA 044200 | 100...280°C | 8...50 K (TW) | 6x80 mm | B |
| JET-153 | JA 044300 | 100...280°C | TB** | 6x80 mm | B |
| JET-153F | JA 044400 | 100...280°C | TB** | 6x80 mm | B |
| Option: screwed cable gland M 20 x 1.5 (Standard M 16 x 1.5) | | | | | B |

F = Internal setting
 G = Device with 4.5 m long capillary
 X = Types for TH / NTH-140

TR = Temperature controller
 TW = Temperature monitor
 TB = Temperature limiter

* Locks at falling temperatures
 Manual reset after a temperature increase of min. 8 K
 **Locks at rising temperatures
 Manual reset after a temperature decrease of min. 8 K

Accessories

Protective spiral and dip sleeves (for further details see pages 154 – 156)
Dip sleeves are not included in the scope of the delivery!
 For all types with an "X" in the type designation code: TH / NTH-140
 For all types without an "X" in the type designation code: TH / NTH-100 / 200 / 280