

# One-stage capillary thermostat JET-1



## Technical data

<b>Switching capacity:</b>	15 (8) A, 24–250 V~, min. 150 mA at 24 V~
<b>Contact:</b>	1 microswitch as potential-free changeover contact
<b>Ambient temperature:</b>	-20 ... +55 °C
<b>Degree of protection:</b>	IP 65
<b>Protection class:</b>	I
<b>Sensor:</b>	bulb made of Cu and capillary tube of V2A
<b>Length of capillary:</b>	1.8 m
<b>Max. sensor temperature:</b>	end-scale value + 15 %
<b>Colour:</b>	grey (bottom part RAL 7016, upper part RAL 7035)

## Application

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!**

Type	Item No.	Control range	Switching difference adjustable	Sensor dimensions a x l	PG
<b>JET-110X</b>	JA 040100	-35 ... +30 °C	2 ... 20 K (TR)	9.6 x 122 mm	B
<b>JET-110XF</b>	JA 040200	-35 ... +30 °C	2 ... 20 K (TW)	9.6 x 122 mm	B
<b>JET-110XFG</b>	JA 040201	-35 ... +30 °C	2 ... 20 K (TW)	9.6 x 122 mm	B
<b>JET-112X</b>	JA 040300	-35 ... +30 °C	TB*	9.6 x 122 mm	B
<b>JET-112XF</b>	JA 040400	-35 ... +30 °C	TB*	9.6 x 122 mm	B
<b>JET-120X</b>	JA 041100	0 ... 60 °C	2 ... 20 K (TR)	9.6 x 122 mm	B
<b>JET-120XG</b>	JA 041101	0 ... 60 °C	2 ... 20 K (TR)	9.6 x 122 mm	B
<b>JET-120XF</b>	JA 041200	0 ... 60 °C	2 ... 20 K (TW)	9.6 x 122 mm	B
<b>JET-130X</b>	JA 042100	40 ... 100 °C	2 ... 20 K (TR)	9.6 x 122 mm	B
<b>JET-130XG</b>	JA 042101	40 ... 100 °C	2 ... 20 K (TR)	9.6 x 122 mm	B
<b>JET-130XF</b>	JA 042200	40 ... 100 °C	2 ... 20 K (TW)	9.6 x 122 mm	B
<b>JET-133XF</b>	JA 042400	40 ... 100 °C	TB**	9.6 x 122 mm	B
<b>JET-140X</b>	JA 043100	70 ... 130 °C	2 ... 20 K (TR)	9.6 x 122 mm	B
<b>JET-140XF</b>	JA 043200	70 ... 130 °C	2 ... 20 K (TW)	9.6 x 122 mm	B
<b>JET-143XF</b>	JA 043400	70 ... 130 °C	TB**	9.6 x 122 mm	B
<b>JET-150</b>	JA 044100	100 ... 280 °C	8 ... 50 K (TR)	6 x 80 mm	B
<b>JET-150F</b>	JA 044200	100 ... 280 °C	8 ... 50 K (TW)	6 x 80 mm	B
<b>JET-153</b>	JA 044300	100 ... 280 °C	TB**	6 x 80 mm	B
<b>JET-153F</b>	JA 044400	100 ... 280 °C	TB**	6 x 80 mm	B
<b>Option:</b> 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 182–183)

**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