

Single stage capillary thermostat JET-1



Technical data

Switching capacity:	15 (8) A, 24–250 V~, min. 150 mA at 24 V~
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 (for models with “G” in the model name: 4.5 m)
Max. sensor temperature:	end-scale value + 15 %
Colour:	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	Sensor dimensions a x l	Equipment	PG
JET-110X	JA 040100	–35 ... +30 °C	2 ... 20 K	9.6 x 122 mm	external setting/TR	II
JET-110XF	JA 040200	–35 ... +30 °C	2 ... 20 K	9.6 x 122 mm	internal setting/TW	II
JET-110XFG	JA 040201	–35 ... +30 °C	2 ... 20 K	9.6 x 122 mm	internal setting/TW	II
JET-112X	JA 040300	–35 ... +30 °C		9.6 x 122 mm	external setting/TB*	II
JET-112XF	JA 040400	–35 ... +30 °C		9.6 x 122 mm	internal setting/TB*	II
JET-120X	JA 041100	0 ... 60 °C	2 ... 20 K	9.6 x 122 mm	external setting/TR	II
JET-120XG	JA 041101	0 ... 60 °C	2 ... 20 K	9.6 x 122 mm	external setting/TR	II
JET-120XF	JA 041200	0 ... 60 °C	2 ... 20 K	9.6 x 122 mm	internal setting/TW	II
JET-130X	JA 042100	40 ... 100 °C	2 ... 20 K	9.6 x 122 mm	external setting/TR	II
JET-130XG	JA 042101	40 ... 100 °C	2 ... 20 K	9.6 x 122 mm	external setting/TR	II
JET-130XF	JA 042200	40 ... 100 °C	2 ... 20 K	9.6 x 122 mm	internal setting/TW	II
JET-133X	JA 042300	40 ... 100 °C		9.6 x 122 mm	external setting/TB**	II
JET-133XF	JA 042400	40 ... 100 °C		9.6 x 122 mm	internal setting/TB**	II
JET-140X	JA 043100	70 ... 130 °C	2 ... 20 K	9.6 x 122 mm	external setting/TR	II
JET-140XF	JA 043200	70 ... 130 °C	2 ... 20 K	9.6 x 122 mm	internal setting/TW	II
JET-143X	JA 043300	70 ... 130 °C		9.6 x 122 mm	external setting/TB**	II
JET-143XF	JA 043400	70 ... 130 °C		9.6 x 122 mm	internal setting/TB**	II
JET-150	JA 044100	100 ... 280 °C	8 ... 50 K	6 x 80 mm	external setting/TR	II
JET-150F	JA 044200	100 ... 280 °C	8 ... 50 K	6 x 80 mm	internal setting/TW	II
JET-153	JA 044300	100 ... 280 °C		6 x 80 mm	external setting/TB**	II
JET-153F	JA 044400	100 ... 280 °C		6 x 80 mm	internal setting/TB**	II

G = Device with 4.5 m long capillary

* 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 162–164)

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

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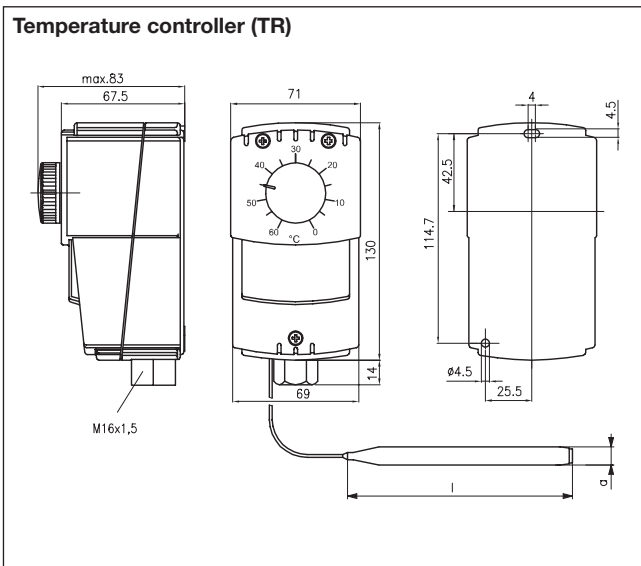
Temperature monitor (TW)



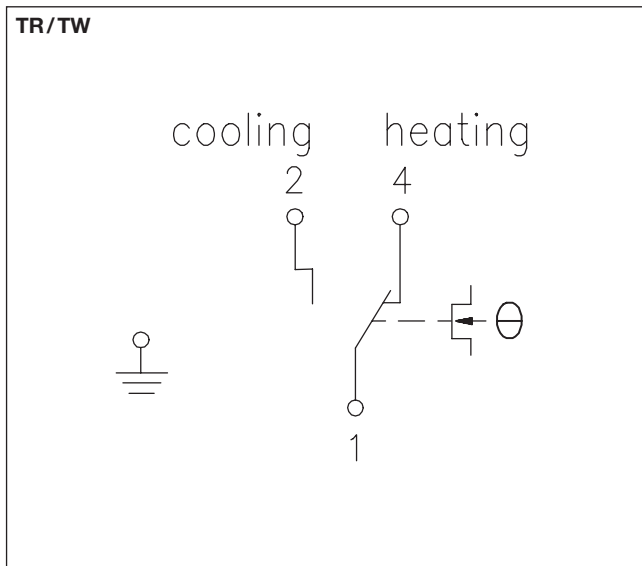
Temperature limiter (TB)



Temperature controller (TR)



TR/TW



TB

