

# Air heater thermostat JTL-2...-11/JTL-8 NR...-17 NR

Capillary system, 2 or 3 functions – TÜV tested



### Technical data

- Switching capacity:** 15 (8) A, 24 – 250 V~, min.150 mA at 24 V~
- Control range fan:** 20 ... 70 °C
- Control range burner:** 70 ... 100 °C, JTL-2...-11  
70 ... 95 °C, JTL-8 NR...-17 NR
- Switch-off temperature STB:** 100 °C, external manual reset (applies to types JTL –...NR)
- Contact:** 2 or 3 microswitches as potential-free changeover contacts
- Degree of protection:** IP 40
- Protection class:** I
- Ambient temperature:** -15 ... +80 °C
- Sensor:** liquid filled sensing element made of Cu, active over its entire length
- Max. sensor temperature:** 200 °C
- Colour:** grey

**TÜV type tested acc. to DIN EN 14597**  
Type test with regard to air heaters performed in acc. with DIN 4794



### Application

For use as minimum- or maximum value thermostat for supply air control purposes or for the control of fans in ventilating and air-conditioning systems. Also suited as overheat protection thermostat for the application with electrical heating coils and direct fired oil- or gas air heaters.

The switch “MAN-AUTO” enables to use the fan for ventilating purposes during summer.

**Type ... no.:** For the temperature-operated control of fans, the monitoring of burners and use as safety temperature limiter (three functions).

Caution: Install devices vibration-proof to prevent malfunction and/or sensor damage

Type	Item No.	Switching difference fan, adjustable	Switching difference burner	Type*	Length of capillary	Equipment**	PG
JTL-2	E 6110013	8...30 K	8 K	TW	350 mm	intrinsic safety/ cold protection	II
JTL-8	E 6110049	8...30 K	external manual reset	STB	350 mm	intrinsic safety/ cold- and over heat protection	II
JTL-11	E 6110064	8...30 K	8 K	TW	1250 mm	intrinsic safety/ cold protection	II
JTL-8 NR	E 6120038	8...30 K	8 K	TW/ STB	350 mm	intrinsic safety/ cold- and over heat protection	II
JTL-17 NR	E 6120077	8...30 K	8 K	TW/ STB	1,250 mm	intrinsic safety/ cold- and over heat protection	II

\* TW = Thermostat, STB = Safety temperature limiter

\*\* As for explanations, see page 110 (JTU-1 ...-50)

JTL-4 is replaced by JTL-8.  
JTL-4 NR is replaced by JTL-8 NR.



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