

## Datasheet JTL-8

Articlenumber: E6110049

Air heater thermostat, 70...100...°C (burner), 20...70...°C (fan), 100...°C (STB), capillary length 350mm

Overheating protection thermostat for electric heating coils and directly-fired air heaters during oil and gas operation.



Ambient temperature, lower value	-15 °C
Ambient temperature, upper value	80 °C
Bearing temperature, lower value	-15 °C
Bearing temperature, upper value	80 °C
Capillary length	0,35 m
Colour	Grey
Control range, burner from	70 °C
Control range, burner up to	100 °C
Control range, fan from	20 °C
Control range, fan up to	70 °C
Cooling control function	Yes
Degree of contamination	2
Device version	Surface-mounted unit
Electric connection	Screw terminals
Electronic control	No
External reset	Yes
Function type (systems engineering)	TW/STB
Heating control function	Yes

Housing material	Sheet steel
Internal setting	Yes
Length of sensor	350 mm
Max. sensor temperature	200 °C
Maximum air humidity (non-condensing)	95 % r.H
Maximum switching current	15 (8) A
Maximum switching voltage	230 V AC, 50 Hz
Medium	Air, not aggressive
Minimum switching current	150 mA
Minimum switching voltage	24 V AC / 50 Hz
Mounting / attachment	Mounting on air duct
Number of control ranges	2
Number of outputs	4
Operating voltage	None
Operation	Intern. setpoint adjuster, button, switch
Output signal	Switching, burner interlocking
Potential free switching contact	Yes
Protection class	I
Rated impulse voltage	4000 V
Safety and EMC	In accordance with DIN EN 60730
Scale	Degree Celsius
Sensor element	Capillary tube
Sensor material	Cu
Surface properties	Matt
Switching contact	2 two-way contacts
Switching element	Microswitch
Switching power	3450 W
Type of protection	IP40
With explosion protection	No

