

## Datasheet JTF-1

Articlenumber: E6090301

Frost protection thermostat, capillary length 6m, external setting

For measuring the temperature of non-aggressive gases. When fixing the capillary tube, mounting brackets JZ-05 / 6 M (metal) or JZ-05 / 6 K (plastic) should be used upstream of the heating coil. The capillary tube is active along its entire length. The device reacts when approx. 30 cm of the capillary tube reaches the adjusted scale value. Mounting brackets, immersion sleeves and protective coils are not included in the delivery and must be ordered separately.



Ambient temperature, lower value	-10 °C
Ambient temperature, upper value	55 °C
Bearing temperature, lower value	-10 °C
Bearing temperature, upper value	55 °C
Capillary length	6 m
Colour	Grey
Contact interlocking	No
Control range, lower value	-10 °C
Control range, upper value	12 °C
Cooling control function	Yes
Degree of contamination	2
Depth	55 mm
Device version	Surface-mounted unit
Electric connection	Screw terminals
Electronic control	No
External setting	Yes
Function type (systems engineering)	TR

Heating control function	Yes
Height	105 mm
Housing material	Lower part metal, upper part plastic
Internal setting	No
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	Wall mounting
Number of control ranges	1
Number of outputs	2
Operating voltage	None
Operation	Empty
Output signal	Switching
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	Two-way contact
Switching difference	1 K
Switching difference, can be adjusted	No
Switching element	Microswitch
Switching power	3450 W
Type of protection	IP40

Width 112 mm

With explosion protection No

