Datasheet JTF-25

Articlenumber: E6090324

Frost protection thermostat, capillary length 3m, external setting, 2-stage

For measuring the temperature of non-aggressive gases. The JTF-25 frost protection monitor has 2 switching outputs, which makes it possible to override the system before the danger point is reached. 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. Hysteresis between the stages approx. 5 K.

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	3 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

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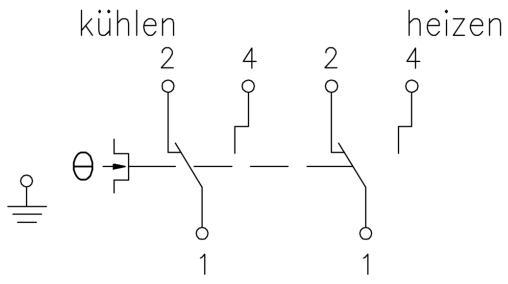
External setting	Yes
Function type (systems engineering)	TR
Heating control function	Yes
Height	112 mm
Housing material	Lower part metal, upper part plastic
Internal setting	No
Max. sensor temperature	200 °C
Maximum air humidity (non-condensing)	95 % r.H
Maximum switching current	15 (8) A
Maximum switching 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	4
Operating voltage	None
Operation	Empty
Output signal	Switching
Potential free switching contact	No
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 difference	1 K
Switching difference, can be adjusted	No
Switching element	Microswitch
Switching power	3450 W

Type of protection	IP40
Width	105 mm
With explosion protection	No



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