

Data Sheet JTF-3

Article number: E6090309

Frost protection thermostat, capillary length 1.8 m, external setting

For protecting hot water heating registers against freezing. The device is intrinsically safe and has a sealable setpoint adjustment. For temperature measurement of non-aggressive gases in the duct, use the SW-200-12 thermowell, for temperature measurement in non-aggressive fluids use the TH-140 thermowell, in aggressive fluids use the NTH-140 thermowell. Mounting clamps, thermowells and protective coils are not included in the scope of delivery and must be ordered separately.



Number of outputs	2
Number of control ranges	1
Output signal	switching
External setting	Yes
Rated impulse voltage	4000 V
Diameter sensor element	9.5 mm
Electric connection	screw terminals
Electronic control	No
With explosion protection	No
Colour	grey

Sensor element	capillary tube
Function type (systems engineering)	TR
Device version	surface-mounted unit
Internal setting	No
Contact interlocking	No
Bearing temperature	-10 ... 55 °C
Length of sensor	76 mm
Capillary length	1.8 m
Max. air humidity (non-condensing)	95 % r.H.
Sensor material	Cu
Housing material	plastic
Max. Sensor temperature	200 °C
Max. switching voltage	230 VAC, 50 Hz
Max. switching current	15 (8) A
Medium	Air
Min. switching voltage	24 VAC, 50 Hz
Min. switching current	150 mA
Mounting/attachment	wall mounting
Surface finish	matt
Control range	-10 ... 12 °C
Heating control function	Yes
Cooling control function	Yes

Switching differential	Heating/cooling: 1 K
Switching difference, can be adjusted	No
Switching element	microswitch
Switching contact	two-way contact
Potential free switching contact	Yes
Switching power	3450 W
Protection class	IP40
Protection class	I
Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius
Ambient temperature	-10 ... 55 °C
Degree of contamination	2
Dimensions (W x H x D)	105 mm x 112 mm x 55 mm



