

Datasheet JTF-3

Articlenumber: E6090309

Frost protection thermostat, capillary length 1.8m, external setting

Protective coil SW-200-12 must be used for measuring the temperature of non-aggressive gases in the duct; immersion sleeve TH-140 must be used to measure temperatures in non-aggressive fluids; in aggressive fluids, immersion sleeve NTH-140 must be used. Mounting brackets, immersion sleeves and protective coils are not included in the delivery and must be ordered separately.



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| 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 | 1,8 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 |
| Diameter sensor element | 9,5 mm |
| Electric connection | Screw terminals |
| Electronic control | No |
| External setting | Yes |

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| Function type (systems engineering) | TR |
| Heating control function | Yes |
| Height | 105 mm |
| Housing material | Lower part metal, upper part plastic |
| Internal setting | No |
| Length of sensor | 76 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 | 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 | Approx. 1 K |
| Switching difference, can be adjusted | No |
| Switching element | Microswitch |
| Switching power | 3450 W |

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| Type of protection | IP40 |
| Width | 112 mm |
| With explosion protection | No |

