

Datasheet AFHC 10

Articlenumber: G9040220

Outdoor temperature sensor, NTC10K, protruding sensor sleeve

The outdoor temperature sensors are used for temperature detection in outdoor areas, in damp rooms, in cold stores and greenhouses as well as in industrial areas and are particularly protected against dust and moisture. Due to the external sensor sleeve, this outdoor sensor has a very good response to temperature changes. If the sensor is exposed to direct sunlight, the use of a sunshade is recommended.



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| Active temperature measurement | No |
| Ambient temperature | ?30 ... 70 °C |
| Bearing temperature | –30 ... 70 °C |
| Colour | Pure white |
| Connection cross-section | 0,14 – 2,5 mm² |
| Cover fastening | Bayonet fastening |
| Dimensions (W x H x D) | 58 mm x 102 mm x 34 mm |
| Electric connection | Screw terminals |
| Housing material | Plastic PA |
| Max. air humidity (non-condensing) | 95 % r.H. |
| Max. Measuring current | < 1 mA |
| Medium | Air |
| Montage/Befestigung | Wall mounting |
| Passive temperature measurement | Yes |
| Protection class | III |
| RAL colour number (similar) | 9010 |
| Safety and EMC | In accordance with DIN EN 60730 |

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| Sensor element | NTC internal |
| Sensor element inside the housing | No |
| Sensor element outside the housing | Yes |
| Sensor type | NTC 10K (Sensor 4) |
| Surface finish | Gloss |
| Version of sensor | External sensor |
| With explosion protection | No |
| With housing | Yes |
| With mounting material | No |
| With supply line | No |

