

Datasheet IKF1P1000/50

Articlenumber: G9150020

Industrial built-in duct temperature sensor, PT1000, installation length 65mm



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| Active temperature measurement | No |
| Ambient temperature, lower value | -30 °C |
| Ambient temperature, upper value | 100 °C |
| Bearing temperature, lower value | -30 °C |
| Bearing temperature, upper value | 100 °C |
| Connection cross-section | 0,14 mm ² bis 2,5 mm ² |
| Cover fastening | Screw fastening |
| Diameter sensor element | 6 mm |
| Electric connection | Screw terminals |
| Housing material | Aluminum |
| Max. sensor temperature | 150 °C |
| Maximum air humidity (non-condensing) | 95 % r.H |
| Medium | Gas / liquid substances (not aggressive) |
| Mounting / attachment | Immersion sleeves or mounting flange |
| Passive temperature measurement | Yes |
| Plug-in length | 65 mm |
| Protection class | III |
| Safety and EMC | In accordance with DIN EN 60730 |
| Sensor element | Pt1000 |
| Sensor element inside the housing | No |

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|---|--------------------------------------|
| Sensor element outside the housing | Yes |
| Suitable for fluids | Yes |
| Suitable for gases | Yes |
| Surface properties | Matt |
| Temperature measuring range lower value | -30 °C |
| Temperature measuring range upper value | 150 °C |
| Type of protection | IP43 |
| Version of sensor | Temperature sensor for gases/liquids |
| With explosion protection | No |
| With housing | Yes |
| With mounting material | No |
| With supply line | No |

