

Datasheet AF-51

Articlenumber: G9040420

Outdoor temperature sensor, KTY81-121

The AF outdoor temperature sensors with internal sensor are used for temperature detection outdoors, in damp areas, in cold stores and greenhouses as well as in industrial areas and are particularly protected against dust and moisture. If the sensor housing is exposed to direct sunlight, the use of a sunshade is recommended.



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 64 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

Sensor element	PTC internal
Sensor element inside the housing	Yes
Sensor element outside the housing	No
Sensor type	KTY 81-121 (Sensor 51)
Surface finish	Gloss
Version of sensor	External sensor
With explosion protection	No
With housing	Yes
With mounting material	No
With supply line	No

