

Data Sheet AF-51

Article number: G9040420

Outdoor temperature sensor, KTY 81-121

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
Connection cross-section	0,14 – 2,5 mm ²
Version of sensor	external sensor
Cover fastening	bayonet fastening
Electric connection	screw terminals
With explosion protection	No
Colour	pure white
RAL colour number (similar)	9010
Sensor element	PTC internal
Bearing temperature	–30 ... 70 °C

Max. air humidity (non-condensing)	95 % r.H.
Housing material	plastic PA
Max. Measuring current	< 1 mA
Medium	Air
With mounting material	No
With housing	Yes
With supply line	No
Mounting/attachment	wall mounting
Surface finish	gloss
Passive temperature measurement	Yes
Protection class	IP65
Protection class	III
Sensor element outside the housing	No
Sensor element inside the housing	Yes
Sensor type	KTY 81-121 (Sensor 51)
Safety and EMC	in accordance with DIN EN 60730
Ambient temperature	-30 ... 70 °C
Dimensions (W x H x D)	58 mm x 64 mm x 34 mm

