

Data Sheet ALF-51

Article number: G9050210

Contact temperature sensor, KTY 81-121

The ALF contact temperature sensors are used to measure the temperature on cables, pipes or heating supports. The use of heat-conducting paste is recommended to improve temperature transfer between the pipe and the contact sensor.



Active temperature measurement	No
Connection cross-section	0,14 – 2,5 mm ²
Version of sensor	Anlegefühler
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
With mounting material	Yes
With housing	Yes
With supply line	No
Mounting/attachment	Pipe 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



