

Datasheet ALF-5

Articlenumber: G9050200

Contact temperature sensor, NTC50K

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
Ambient temperature	?30 ... 70 °C
Bearing temperature	–30 ... 70 °C
Colour	Pure white
Connection cross-section	0,14 – 2,5 mm ²
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
Montage/Befestigung	Pipe mounting
Passive temperature measurement	Yes
Protection class	III
RAL colour number (similar)	9010
Safety and EMC	In accordance with DIN EN 60730
Sensor element	NTC internal
Sensor element inside the housing	Yes

Sensor element outside the housing	No
Sensor type	NTC 50K (Sensor 5)
Surface finish	Gloss
With explosion protection	No
With housing	Yes
With mounting material	Yes
With supply line	No

