

Data Sheet BTF2-Y81/121-0000

Article number: SA140017

Room temperature sensor, KTY 81-121, surface-mounted super flat

Surface-mounted room temperature sensor with internal sensor for temperature measurement in residential and commercial premises in a super-flat surface-mounted housing - only 13.9 mm deep.



Active temperature measurement	No
Connection cross-section	0,33 – 1,5 mm ²
Version of sensor	room sensor
Cover fastening	clamp fastening
Design	Berlin 1000
Electric connection	screw terminals
With explosion protection	No
Colour	pure white
RAL colour number (similar)	9010
Sensor element	PTC internal
Bearing temperature	-20 ... 70 °C

Max. air humidity (non-condensing)	95 % r.H.
Housing material	plastic ABS
Max. Measuring current	< 1 mA
Medium	Air
With housing	Yes
With supply line	No
Mounting/attachment	surface mounting
Surface finish	gloss
Passive temperature measurement	Yes
Protection class	IP30
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	-10 ... 50 °C
Dimensions (W x H x D)	78 mm x 78,5 mm x 13,9 mm



