

Datasheet BTF2-Y81/121-0000

Articlenumber: SA140017

Room temperature sensor, KTY81-121, 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
Ambient temperature	?10 ... 50 °C
Bearing temperature	-20 ... 70 °C
Colour	Pure white
Connection cross-section	0,33 – 1,5 mm²
Cover fastening	Clamp fastening
Design	Berlin 1000
Dimensions (W x H x D)	78 mm x 78,5 mm x 13,9 mm
Electric connection	Screw terminals
Housing material	Plastic ABS
Max. air humidity (non-condensing)	95 % r.H.
Max. Measuring current	< 1 mA
Medium	Air
Montage/Befestigung	Surface 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	Room sensor
With explosion protection	No
With housing	Yes
With supply line	No

