

Datasheet BTF2-Y81/121-0000

Articlenumber: SA140017

Room temperature sensor, KTY81-121, surface-mounted super flat



Active temperature measurement	No
Ambient temperature, lower value	-10 °C
Ambient temperature, upper value	50 °C
Bearing temperature, lower value	-20 °C
Bearing temperature, upper value	70 °C
Colour	Pure white
Connection cross-section	0,33 mm ² bis 1,5 mm ²
Cover fastening	Clamp fastening
Depth	13,9 mm
Design	Berlin 1000
Electric connection	Screw terminals
Height	78,5 mm
Housing material	Plastic ABS
Max. measurement current	< 1 mA
Maximum air humidity (non-condensing)	95 % r.H
Medium	Air, not aggressive
Mounting / attachment	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 properties	Gloss
Temperature measuring range lower value	-10 °C
Temperature measuring range upper value	50 °C
Type of protection	IP30
Version of sensor	Room sensor
Width	78 mm
With explosion protection	No
With housing	Yes
With supply line	No

