

# Typ: STF-51



**Art.-No.:** SN080500

**Features:**

Radiation temperature sensor, surface-mounted, 2 x KTY 81-121, "Sensor 51"

**Application:**

**Technical Data:**

Dimensions of housing:	78,3 x 25,5 x 83,4 mm
Design:	Berlin 2000
Electrical connection:	Screw-type terminals 0,14 mm <sup>2</sup> to 1,5 mm <sup>2</sup> only at safety extra-low voltage max. 30VAC / 42VDC
Colour of housing:	pure white, like RAL 9010, hemisphere black
Sensor:	2 x PTC internal
Sensor wire extendable up to:	depending on the cross-section of the conductor and the sensor type
Sensor type:	2 x KTY 81-121, "Sensor 51"
Weight:	ca. 100
Storage temperature:	-20...+60 °C
Material of housing:	ABS plastic
max. measurement current:	
Installation/fastening:	Surface-/wall-mounting (4-hole assembly on flush-mounted socket)
Surface quality:	matt
Degree of protection:	IP 30
Protection class:	III

Sensor characteristic curves:

The sensor characteristic curves can be found under  
Miscellaneous

Safety and EMC:

according to DIN EN 60730

Ambient temperature up to:

60

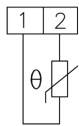
Ambient temperature from:

-20

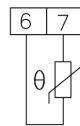
Permissible atmospheric humidity:

max. 95% r.h., non-condensing

### Circuit Diagram:



Strahlungsfühler



Raumfühler