

## Description



The temperature sensor serie SA designed in a modern housing measures the temperature from -30 up to +60°C of gaseous media. The range is available with all type of current sensor elements and can be mounted directly on-wall by an adapter or 2 fixing screws. The extra wide ventilation slots ensures a good air circulation for a high accuracy of measurement.

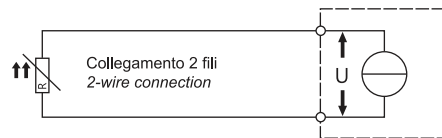
## Technical specifications

<b>Measurement range</b>	-30...+60°C
<b>Sensor</b>	Pt100, Pt1000, Ni1000, KTY, NTC
<b>Type of connection</b>	2-wires
<b>Measured current</b>	approx.1 mA
<b>Electrical connection</b>	Screw terminal block for wires up to 1,5 mm <sup>2</sup>
<b>Leakage resistance</b>	> 100 MOhm, at +20°C (500 V DC)
<b>Housing</b>	polyamide (synthetic) colour white
<b>Dimensions</b>	87x87x30 mm
<b>Protection type</b>	IP30
<b>Protection class</b>	III
<b>Storage temperature</b>	-20...+70°C
<b>Installation</b>	Screw fastening on-wall, on in-wall junction box with optional adapter frame (optional)
<b>Standards</b>	CE-conformity, RoHS



Models	Type of sensor
SA1	Pt100 (DIN EN 60751 Cl. B)
SA2	Pt1000 (DIN EN 60751 Cl. B)
SA3	Ni1000 (TK6180)
SA4	Ni1000 (TK5000)
SA5	NTC20k (±1%)
SA6	NTC10k (±1%) BETA 3435K
SA7	KTY 81-110 (±1%)
SA8	KTY 81-121 (±1%)

## Electrical wirings



## Dimensions (mm)

