

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

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

