

## Description



The radiation sensor serie STR designed in a modern housing measures the temperature from -30 up to +75°C of gaseous media. The range is available with all type of current sensor elements and can be mounted directly on-wall with 2 fixing screws.

## Technical specifications

<b>Measurement range</b>	-30...+75°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>Cable entry</b>	M16 high-strength cable gland with strain relief
<b>Leakage resistance</b>	> 100 MOhm, at +20°C (500 V DC)
<b>Housing</b>	polyamide (synthetic) colour white
<b>Dimensions</b>	58x64x53 mm
<b>Protection type</b>	IP65
<b>Storage temperature</b>	-20...+70°C
<b>Installation</b>	Screw fastening
<b>Standards</b>	CE-conformity, RoHS



Models	Type of sensor
<b>STR1</b>	Pt100 (DIN EN 60751 Cl. B)
<b>STR2</b>	Pt1000 (DIN EN 60751 Cl. B)
<b>STR3</b>	Ni1000 (TK6180)
<b>STR4</b>	NTC1,8k (±1%)
<b>STR5</b>	NTC20k (±1%)
<b>STR6</b>	NTC10k (±1%) BETA 3435K
<b>STR7</b>	KTY 81-110 (±1%)
<b>STR8</b>	KTY 81-121 (±1%)

## Electrical wirings



## Dimensions (mm)

