



# TG-AH1/PT100

## Clamp-on sensor

Temperature sensor with PT100 element for surface temperature measurement.

- Easy to mount
- Delivered with stainless steel metal strap for easy fastening

- Large contact surface
- Modern design and compact format

Temporo series room sensor with a modern design suiting all environments.

### Simple mounting

The sensor is delivered with a stainless steel metal strap and contact paste. The construction of the strap makes it easy to fix the sensor to the pipe.

### High measurement accuracy

The sensor provides good readings due to its large contact surface.

### Technical data

Temperature range	-20...+120°C
Sensor element	PT100, 100 Ω/0°C, DIN class B
Time constant	5 s
Cable gland	M16
Protection class	IP42 (alt. IP40 depending on the mounting position)

### Material

Housing	Polycarbonate
Sensor element	Copper
Strap	Stainless steel

### Colour

Cover	Polar white RAL9010
Base	Dark grey RAL7043

Temperature (°C)	Resistance (Ω)	Temperature (°C)	Resistance (Ω)
35	113.6	120	146.1
30	111.7	110	142.3
25	109.7	100	138.5
20	107.8	90	134.7
15	105.9	80	130.9
10	103.9	70	127.1
5	101.9	65	125.2
0	100.0	60	123.2
-5	98.0	55	121.3
-10	96.1	50	119.4
-15	94.1	45	117.5
-20	92.2	40	115.5

### Dimensions



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