



TG-KH/PT100

Duct sensor with housing

Temperature sensor with PT100 element for air temperature measurement in ventilation and air handling installations.

Tempero series temperature sensor with a modern design suiting all environments. The sensor is very easy to mount, has an adjustable insertion length and a flexible mounting bracket that closes tightly against ducts.

Technical data

Temperature range	-30...+70°C
Sensor element	PT100, 100 Ω/0°C, DIN class B
Time constant	16 s
Cable gland	M16
Insertion length	60...205 mm, adjustable
Diameter, probe	8 mm
Protection class	IP65

Material

Housing	Polycarbonate
Probe	Stainless steel, standard: SIS 2343 acid-resistant

Colour

Cover	Polar white RAL9010
Base	Dark grey RAL7043

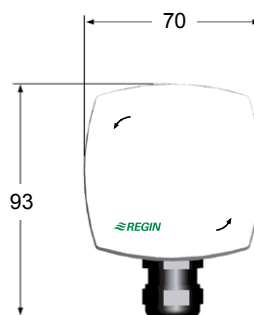
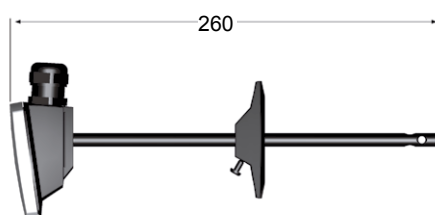
Short facts about TG-KH/PT100

- Anti-tear M16 cable gland
- Screw cap
- 10 mm hole for probe
- Adjustable insertion length (60...205 mm) and good sealing
- Modern design and compact format

Temperature (°C)	Resistance (Ω)
15	105.9
10	103.9
5	101.9
0	100.0
-5	98.0
-10	96.1
-15	94.1
-20	92.2
-25	90.2
-30	88.2

Temperature (°C)	Resistance (Ω)
70	127.1
65	125.2
60	123.2
55	121.3
50	119.4
45	117.5
40	115.5
35	113.6
30	111.7
25	109.7
20	107.8

Dimensions (mm)



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