



TG-KH/NTC2.2

Duct sensor with housing

Temperature sensor with NTC2.2 element for air temperature measurement in ventilation and air handling installations.

- ✓ 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

Function

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.

The sensor is compatible with Johnson Controls.

Technical data

Temperature range	-30...+70°C
Compatible with	Johnson Controls
Sensor element	NTC 2.2k3A1, 2252 Ω/25°C
Time constant	16 s
Cable gland	M16
Insertion length	60...205 mm, adjustable
Diameter, probe	5 mm
Protection class	IP65

Material

Housing	Polycarbonate
Probe	Stainless steel, standard: EN 1.4436, acid resistant

Colour

Cover	Polar white RAL9010
Base	Dark grey RAL7043

Temperature (°C)	Resistance (Ω)
15	3538
10	4482
5	5718
0	7353
-5	9533
-10	12460
-15	16428
-20	21860
-25	29398
-30	39908

Temperature (°C)	Resistance (Ω)
70	395
65	469
60	560
55	673
50	811
45	984
40	1200
35	1471
30	1814
25	2252
20	2813

Dimensions (mm)

