



TG-KH/NTCI.8

Duct sensor with housing

Temperature sensor with NTC1.8 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 TAC.

Technical data

Temperature range	-30...+70°C
Compatible with	TAC
Sensor element	NTC 1.8, 1800 Ω/25°C
Time constant	16 s
Cable gland	M16
Insertion length	60...205 mm, adjustable
Diameter, probe	5 mm
Protection class	IP65

Temperature (°C)	Resistance (Ω)
15	2649
10	3241
5	3989
0	4940
-5	6159
-10	7730
-15	9771
-20	12443
-25	15969
-30	20659

Temperature (°C)	Resistance (Ω)
70	403
65	468
60	545
55	638
50	750
45	885
40	1049
35	1250
30	1496
25	1800
20	2177

Material

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

Colour

Cover	Polar white RAL9010
Base	Dark grey RAL7043

Dimensions (mm)

