

## Overview of product

The remote temperature sensor is used to measure air temperature inside ducts. It is used with T24A1T room controller for remote sensing or cooling/heating changeover function.



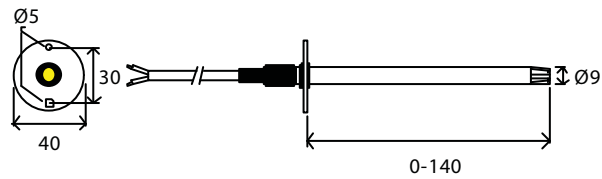
## Specifications

Model	TG-K340B
Sensing element	NTC thermistor, 10kΩ@40°C
Range	0...40°C
Protection class	IP20
Wire connections	Pigtails, 1.5m
Time constant	38s
Ambient / storage temperature	0...50°C / -10...60°C
Weight	0.1kg (0.22lb)
Accuracy	± 1K
Dimensions	Refer dimensions diagram

## Resistance versus temperature for TG-K340B

Temperature °C	Resistance Ω	Temperature °C	Resistance Ω	Temperature °C	Resistance Ω	Temperature °C	Resistance Ω
0	15000	11	13625	21	12375	31	11125
1	14875	12	13500	22	12250	32	11000
2	14750	13	13375	23	12125	33	10875
3	14625	14	13250	24	12000	34	10750
4	14500	15	13125	25	11875	35	10625
5	14375	16	13000	26	11750	36	10500
6	14250	17	12875	27	11625	37	10375
7	14125	18	12750	28	11500	38	10250
8	14000	19	12625	29	11375	39	10125
9	13875	20	12500	30	11250	40	10000
10	13750						

*The performance specifications above are nominal and subject to tolerances and application variables of generally acceptable industry standards.  
Belimo shall not be liable for damages resulting from misapplication or misuse of its products.*

**Dimensions in mm****Duct temperature sensor TG-K340B****Notes**

1. Use 22 or 24 DWG twisted pair double insulated cable as remote sensor wire. Total wire length must not exceed 20m.
2. Do not bundle or run power wire and remote sensor wire in same conduit.
3. Duct temperature sensor only senses temperature nearby. In order to achieve good temperature sensing, it is important to choose suitable location for installation.