Temperature Sensor TG-A130B

Overview of product

The remote temperature sensor is used to measure surface temperature on ducts. It is used with T24A1T room controller for cooling/heating changeover function.

Specifications

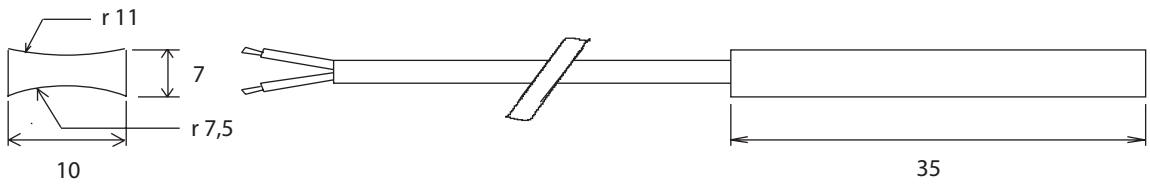
Model	TG-A130B
Sensing element	NTC thermistor, 10kΩ@30°C
Range	0...30°C
Protection class	IP65
Wire connections	Pigtails, 1.5m
Time constant	13s
Weight	0.1kg (0.22lb)
Accuracy	± 1K
Dimensions	Refer dimensions diagram

Resistance versus temperature for TG-A130B

Temperature °C	Resistance Ω	Temperature °C	Resistance Ω	Temperature °C	Resistance Ω
0	15000	11	13170	21	11500
1	14830	12	13000	22	11330
2	14670	13	12830	23	11170
3	14500	14	12670	24	11000
4	14330	15	12500	25	10830
5	14170	16	12330	26	10670
6	14000	17	12170	27	10500
7	13830	18	12000	28	10330
8	13670	19	11830	29	10170
9	13500	20	11670	30	10000
10	13330				

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



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