

Overview of product

The duct type sensor with housing is used as external temperature sensor for EXT-T24-D201 controller.



Specifications

Model	EXT-HA-SDT3
Sensing element	NTC thermistor, 10k Ω @25°C
Range	0...50°C
Accuracy	±0.5°C
Housing protection class	IP30
Wire connections	Screw-down connection
Wiring connection	Terminal wiring 2 x 1 mm ² cable
Operating temperature/ humidity	-40...70°C/ <97% RH, non-condensing
Storage temperature/ humidity	-40...70°C/ <97% RH, non-condensing
Shipping weight	0.15 kg
Dimensions	Refer Dimensions

Resistance versus temperature for EXT-HA-SDT3

Temperature °C	Resistance Ω	Temperature °C	Resistance Ω	Temperature °C	Resistance Ω	Temperature °C	Resistance Ω	Temperature °C	Resistance Ω
0	29419	11	17960	21	11765	31	7886	41	5484
1	28088	12	17199	22	11293	32	7586	42	5287
2	26825	13	16473	23	10842	33	7298	43	5098
3	25627	14	15780	24	10411	34	7023	44	4917
4	24490	15	15120	25	10000	35	6760	45	4743
5	23410	16	14492	26	9607	36	6508	46	4577
6	22384	17	13893	27	9231	37	6266	47	4417
7	21409	18	13323	28	8872	38	6035	48	4264
8	20482	19	12779	29	8529	39	5813	49	4117
9	19600	20	12260	30	8200	40	5689	50	3976
10	18760								

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

Electrical wiring

J3	
Rt 1	Rt 2

Notes

1. Use 22 or 24 DWG twisted pair double insulated cable as remote sensor wire. Total wire length must not exceed 200m.
2. Do not bundle or run power wire and remote sensor wire in same conduit.
3. Run remote sensor wire away from any electric motors or power wire. Failure to do so may result in poor sensor performance due to electrical noise.
4. Avoid water drip into the electrical circuit of the sensor.

Dimensions (mm)

