

SAUNA TEMPERATURE SENSOR TES NTC 20

TES NTC 20 temperature sensor is designed for automatic HVAC systems, especially for demanding conditions such as saunas, cold-rooms, freezers and stores.

Temperature is detected by an NTC thermistor with a nominal resistance of 20 k Ω /25 °C. Thermistor is outside the housing.

Housing is made of weather-proof aluminium, IP 67 also ensuring a good mechanical protection for the sensor.



Technical data:

Sensor	20 k Ω NTC thermistor
Prot. class	IP 67
Housing	silumin cast
Cable entry	PG 11
Range	-50...120 °C
Accuracy	\pm 0.2 °C (at 25 °C)
Dimensions	100 x 65 x 35 mm

Temperature/Resistance:

°C	NTC 20 / Ω	°C	NTC 20 / Ω
120	609	25	20000
100	1114	20	25350
90	1541	15	32346
80	2166	10	41567
75	2585	5	53812
70	3099	0	70203
65	3732	-5	92322
60	4517	-10	122431
55	5494	-15	163777
50	6718	-20	221088
45	8259	-25	301297
40	10211	-30	414698
35	12698	-40	810861
30	15887	-50	1659082

Ordering guide:

Model	Product number	Description
TES NTC 20	1176100	sauna temperature sensor 20 kohm / 25 °C

Products fulfil the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).

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