

## TEL NTC20 FLOOR HEATING TEMPERATURE SENSOR

TEL NTC 20 temperature sensor is designed for automatic HVAC systems for measuring floor temperatures.

Temperature is detected by an NTC20 thermistor element with a nominal resistance of 20 kohm / 25°C.

Use metal or plastic pipe installed into the floor construction for mechanical protection. Water inside the protection pipe destroys the sensor.



### Technical data:

Sensor	20 kohm NTC thermistor
Cable	∅ 5 mm x 3 m, LIYY 2x0,5 PVC isolated
Temperature range	-30...80 °C
Accuracy	± 0.2 °C (at 25°C)

### 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
TEL NTC20	1176280	floor 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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