

## TEL NTC10 FLOOR HEATING TEMPERATURE SENSOR

TEL NTC 10 temperature sensor is designed for automatic HVAC systems for measuring floor temperatures.

Temperature is detected by an NTC10 thermistor element with a nominal resistance of 10 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	10 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 10 / Ω	°C	NTC 10 / Ω
120	389.0	25	10000.0
100	680.0	20	12490.0
90	917.7	15	15710.0
80	1258.0	10	19900.0
75	1480.0	5	25400.0
70	1752.0	0	32650.0
65	2082.0	-5	42340.0
60	2488.0	-10	55330.0
55	2968.0	-15	72980.0
50	3603.0	-20	97070.0
45	4368.0	-25	130400.0
40	5327.0	-30	177000.0
35	6532.0	-40	336500.0
30	8057.0	-50	670100.0

### Ordering guide:

Model	Product number	Description
TEL NTC10	1175280	floor temperature sensor 10 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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