

ROOM TEMPERATURE SENSOR TEHR NTC10

TEHR NTC 10 sensor is made for temperature detection in automatic ventilation systems.

Temperature is detected by an NTC20 thermistor with a nominal resistance of 10 kohm / 25°C.

Housing of white plastics.
Mounting on surface or on a flush mounted box.



Technical data:

| | |
|------------------------|-----------------------|
| Sensor | 10 kΩ NTC -thermistor |
| Housing | IP 20, ABS |
| Range | 0...50 °C |
| Accuracy | ± 0,2 °C / 25 °C |
| Dimensions (w x h x d) | 86 x 85 x 30 mm |

Temperature / resistance -table:

| LT °C | NTC 10 / Ω | LT °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 |
|-------------|----------------|---|
| TEHR NTC 10 | 1175190 | room 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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