



## Temperature sensors

Lodam offers a wide range of temperature sensors, used for all applications within the HVAC industry.

The sensor can be tailored to fit all necessary environments and application needs, with different temperature range, cable lengths and housing.



In addition Lodam offers a wide range of other sensors for the HVAC industry:

- Differential pressure transducers
- Temperature sensors
- CO<sub>2</sub> sensors
- O<sub>2</sub> sensors

# Temperature sensors

The sensors can be tailored according to your needs.

## Technical data

NTC resistance R25 = 10K ohm +/- 1% <sup>(1)</sup>

B-value: B25/50 = 3933K +/- 2%

Temperature range: -30°C ~ +80°C

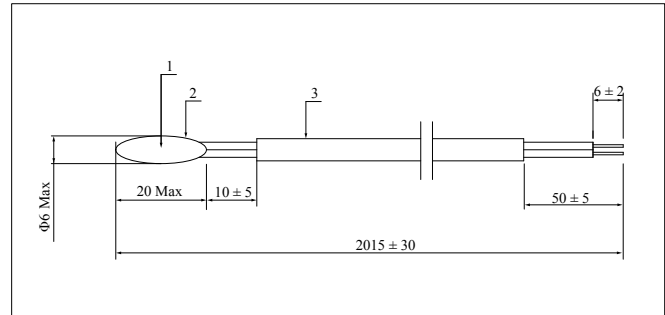
Insulation resistance: in water 500VAC, > 100M ohm

Dielectric strength: in water 1500VAC, 1 min. no flash over

Epoxy resin <sup>(2)</sup>

Lead wire: black, 2 x 0,2mm<sup>2</sup> AVVR 105°C <sup>(3)</sup>

Not recommended for use within evaporators



## Technical data

NTC resistance R25 = 10K ohm +/- 1% <sup>(1)</sup>

B-value: B25/50 = 3933K +/- 2%

Temperature range: -30°C ~ +105°C

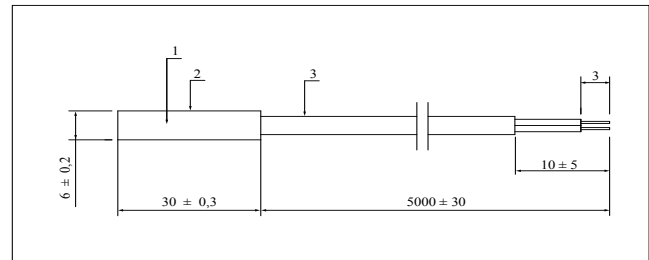
Insulation resistance: in water 500VAC, > 100M ohm

Dielectric strength: in water 1500VAC, 1 min. no flash over

Stainless steel case <sup>(2)</sup>

Lead wire: black, 2 x 0,2mm<sup>2</sup> AVVR 105°C <sup>(3)</sup>

Recommended for use within evaporators



## Technical data

NTC resistance R25 = 10K ohm +/- 1% <sup>(1)</sup>

B-value: B25/50 = 3933K +/- 2%

Temperature range: -30°C ~ +240°C (head of thermistor)

Insulation resistance: in water 500VAC, > 100M ohm

Dielectric strength: in water 1500VAC, 1 min. no flash over

Stainless steel case <sup>(2)</sup>

Lead wire: teflon, 2 x 0,2mm<sup>2</sup> AVVR 240°C <sup>(3)</sup>

Lead wire: black, 2 x 0,2mm<sup>2</sup> AVVR 105°C <sup>(4)</sup>

Recommended for use in solar panels or discharge lines

