



## thermokon TRC2.AR Room Ceiling Temperature Sensor Owner's Manual

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The TRC2- Series (T) is designed to measure temperature room or areas

Suitable for offices and meeting rooms

The sensor comes with a 1m connection cable

The temperature sensor output is passive

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## Product Range

| Order Codes | Sensor Output | Cable lengths | Accuracy                           | Cable color | IP Rating |
|-------------|---------------|---------------|------------------------------------|-------------|-----------|
| TRC2.AF     | PT100         | I.●           | ± 0.3K @ 0°C DIN EN 60751, class B | =11:4       | 30 to II  |
| TRC2.AG     | PT1000        |               | ± 0.5K @ 25°C                      |             |           |
| TRC2.AP     | NTC10k        |               | ± 0.3K @ 25°C                      |             |           |
| TRC2.AQ     | NTC10k Pre    |               | ± 0.3K @ 25°C                      |             |           |
| TRC2.AR     | NTC20k        |               | ± 0.3K @ 25°C                      |             |           |
| TRC2.AL     | LG-NI1000     |               | ± OAK @ 0°C DIN EN 43760, class B  |             |           |
| TRC2.BF     | PT100         | wZ            | ± 0.3K @ 0°C DIN EN 60751, class B |             |           |
| TRC2.BG     | PT1000        |               | ± 0.5K @ 25°C                      |             |           |
| TRC2.BP     | NTC10k        |               | ± 0.3K @ 25°C                      |             |           |
| TRC2.BQ     | NTC10k Pre    |               | ± 0.3K @ 25°C                      |             |           |
| TRC2.BR     | NTC20k        |               | ± 0.3K @ 25°C                      |             |           |
| TRC2.BL     | LG-NI1000     |               | ± 0.4K @ 0°C DIN EN 43760, class B |             |           |

| Sensor Specification         |                                    |
|------------------------------|------------------------------------|
| Measured                     | Temperature                        |
| Sensor Characteristics       | Passive                            |
| Sensor Output (s)            | PT / NTC / NI                      |
| Measuring Current            | <1mA                               |
| Accuracy                     |                                    |
| PT100 / PT1000               | ± 0.3K @ 0°C DIN EN 60751, class B |
| NTC10k / NTC10k Pre / NTC20k | ± 0.3K @ 25°C                      |
| LG-NI1000                    | ± 0.4K @ 0°C DIN EN 43760, class B |
| Standard Measuring Range (s) | 0°C...+50°C                        |
| Total Measuring Range (s)    | -50°C...+150°C                     |

## Installation Notes

Observe the following general regulation for engineering and implementation:



### Caution

All relevant national and heavy power regulations

Other country specific regulations

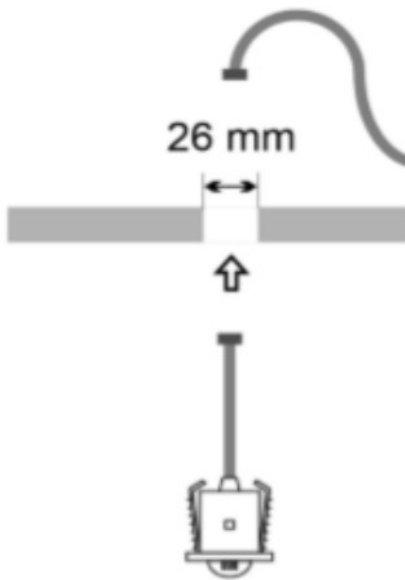
Country-specific regulations

Local electrical supply authority regulation

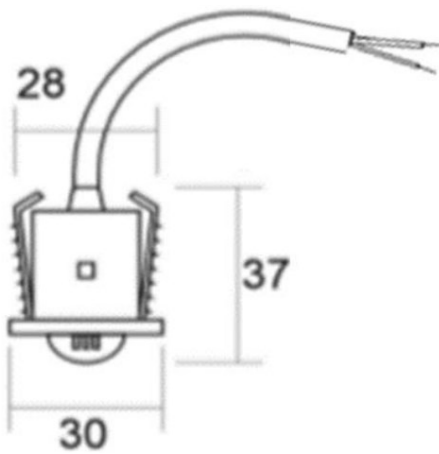
Schematics, cable listings, dispositions, specification and arrangements from the customer or engineering office in charge

Third party specifications, e.g. general contractors or constructors

## Mounting Advices

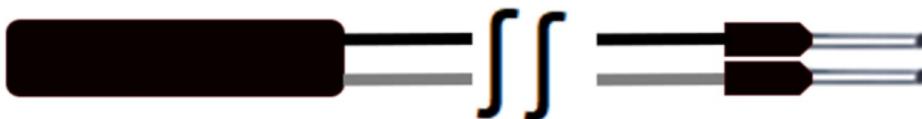


### Drawing Dimensional



### Connections

#### 2- wire connection



### Disposal Notes



The device is considered an electronic device for disposal in terms of the EUROPEAN DIRECTIVE 2012/19/EU.

The device may not be disposed as domestic garbage.

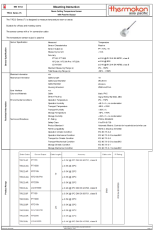
The device must be disposed through channels provided for this purpose.

It is mandatory to complying with local currently applying laws and regulations.

All Information and technical data are subject to alteration  
Thermokon Asia Pacific TRC2- Series (T) V22.1



**Documents / Resources**



[thermokon TRC2.AR Room Ceiling Temperature Sensor](#) [pdf] Owner's Manual  
TRC2.AR Room Ceiling Temperature Sensor, TRC2.AR, Room Ceiling Temperature Sensor, C  
eiling Temperature Sensor, Temperature Sensor, Sensor

Manuals+.