



TG-R6...

Outdoor sensor

Sensor with NTC-element for measuring outdoor temperature or in rooms where a higher protection class is needed.

- Protection class IP54
- Easy to mount

TG-R6... are room sensors intended for use with the Aqualine, PULSER, TM, TTC and Floorigo ranges.

Temperature resistance table

| -30...+30°C | 0...30°C | 20...50°C | Resistance (kOhm) |
|-------------|----------|-----------|-------------------|
| -30 | 0 | 20 | 15.00 |
| 1 | | | 14.83 |
| 2 | | | 14.67 |
| 3 | | | 14.50 |
| 4 | | | 14.33 |
| -20 | 5 | 25 | 14.17 |
| 6 | | | 14.00 |
| 7 | | | 13.83 |
| 8 | | | 13.67 |
| 9 | | | 13.50 |
| -10 | 10 | 30 | 13.33 |
| 11 | | | 13.17 |
| 12 | | | 13.00 |
| 13 | | | 12.83 |
| 14 | | | 12.67 |
| 0 | 15 | 35 | 12.50 |
| 16 | | | 12.33 |
| 17 | | | 12.17 |
| 18 | | | 12.00 |
| 19 | | | 11.83 |
| 10 | 20 | 40 | 11.67 |
| 21 | | | 11.50 |
| 22 | | | 11.33 |
| 23 | | | 11.17 |
| 24 | | | 11.00 |
| 20 | 25 | 45 | 10.83 |
| 26 | | | 10.67 |
| 27 | | | 10.50 |
| 28 | | | 10.33 |
| 29 | | | 10.17 |
| 30 | 30 | 50 | 10.00 |

| 0...40°C | Resistance (kOhm) |
|----------|-------------------|
| 0 | 15.00 |
| 5 | 14.375 |
| 10 | 13.75 |
| 15 | 13.125 |
| 20 | 12.5 |
| 25 | 11.875 |
| 30 | 11.25 |
| 35 | 10.625 |
| 40 | 10.00 |

Resistance measurements can only be made when the sensor is not connected to a controller.

Models

| Model | Temperature range |
|-----------|-------------------|
| TG-R600* | -30...+30°C |
| TG-R630 | 0...30°C |
| TG-R640** | 0...40°C |
| TG-R650 | 20...50°C |

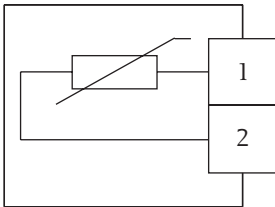
*For use with UK/D

**For thermostats in the Floorigo range.

Technical data

| | |
|------------------|--|
| Protection class | IP54 |
| Sensor element | Linearised NTC sensor. Accuracy better than +/- 1°C. |
| Colour | Cover: Polar white RAL9010 Bottom part: Dark gray |

Wiring



Dimensions (mm)

