# TG-UH3/...

## Outdoor sensor with housing



*Outdoor sensor for air temperature measurement.*

✓ Sealed housing with IP65

✓ Easy access to connection

✓ Replaceable cable gland

✓ Large mounting plate for easy, stable mounting

## Application

The sensor measures the outdoor air temperature. It can be used for a wide range of applications since there are models with different sensor elements.

## Function

The outdoor sensor is suitable for all environments.

## Installation

A large contact surface on the mounting bracket makes the sensor easy to mount also on uneven surfaces.

The terminal block for connecting the analog input to a controller is located under the cover. The cover is easily removed from the base with a twist.

The sensor is designed so that the seal remains in the cover at all times and the cable gland is replaceable.

TG-UH3/...

— 1 —

## Technical data

| | |
|---|---|
| **Protection class** | IP65 |
| **Measuring range, temperature** | -50…+70 °C |
| **Cable gland** | M16 |
| **Dimensions, external (WxHxD)** | 78 x 51 x 104 mm |
| **Weight (incl. packaging)** | 0.09 kg |

# CE

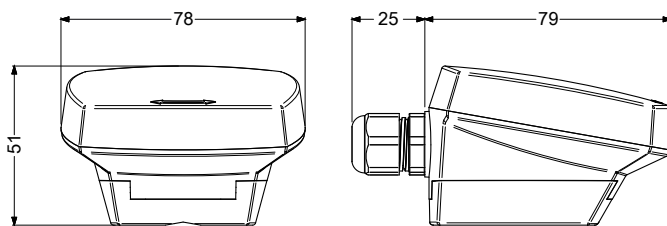This product carries the CE-mark. More information is available at www.regincontrols.com.

## Material

| | |
|---|---|
| **Material, housing** | Polycarbonate (PC) |
| **Material, base** | Polycarbonate (PC) |

## Models

| Article | Sensor element | Nominal resistance | Equivalent |
|---|---|---|---|
| TG-UH3/PT100 | PT100 | 100 Ω (0°C) | - |
| TG-UH3/PT1000 | PT1000 | 1000 Ω (0°C) | - |
| TG-UH3/NTC1.8 | NTC 1.8 | 1800 Ω (25°C) | TAC |
| TG-UH3/NTC2.2 | NTC 2.2 | 2252 Ω (25°C) | Johnson Controls |
| TG-UH3/NTC10-01 | NTC 10 | 10 kΩ (25 °C) | Aquatrol - Johnson Controls - Satchwell - Trend - Cylon - Honeywell - Distech |
| TG-UH3/NTC10-02 | NTC 10 | 10 kΩ (25 °C) | Carel - Evco - Eliwell - AB Industrietechnik |
| TG-UH3/NTC10-03 | NTC 10 | 10 kΩ (25 °C) | Andover - Delta Controls - Siebe - York |
| TG-UH3/NTC20 | NTC 20 | 20 kΩ (25°C) | Honeywell |
| TG-UH3/Ni1000-01 | Ni1000 | 1000 Ω (0 °C) | Siemens - Landis & Staefa |
| TG-UH3/NI1000-02 | Ni1000 | 1000 Ω (0 °C) | Sauter |

## Dimensions



**[mm]**

## Documentation

All documentation can be downloaded from www.regincontrols.com.

**HEAD OFFICE SWEDEN**

Phone: +46 31 720 02 00
Web: www.regincontrols.com
E-mail: info@regincontrols.com

TG-UH3/...

— 2 —

≋REGIN
THE CHALLENGER