

# TG-MH3/...

Duct sensor with housing for average temperature measurement



*Sensor with a 4-point average temperature measurement for duct mounting.*

- ✓ Sealed housing with IP65
- ✓ Easy access to connection
- ✓ Replaceable cable gland

## Application

The duct sensor measures the average air temperature in ventilation and air handling installations. It can be used for a wide range of applications.

## Function

The duct sensor is suitable for all environments. Since the mounting bracket is made of a flexible material it closes tightly against the duct.

The average temperature is based on measurements from four sensor elements along the cable.

## Installation

The duct sensor is easily mounted with clamps and is held in place inside the duct by springs.

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.

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TG-MH3/...

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## Technical data

<b>Protection class</b>	IP65
<b>Time constant</b>	63 s at 2 m/s and 43 s at 5 m/s
<b>Measuring range, temperature</b>	-20...+70 °C
<b>Cable gland</b>	M16
<b>Diameter, probe</b>	8 mm
<b>Dimensions, external (WxHxD)</b>	78 x 132 x 104 mm
<b>Weight (incl. packaging)</b>	0.25 kg
<b>Insertion length</b>	0...70 mm, adjustable
<b>Sensor cable length</b>	3 m



This product carries the CE-mark. More information is available at [www.regincontrols.com](http://www.regincontrols.com).

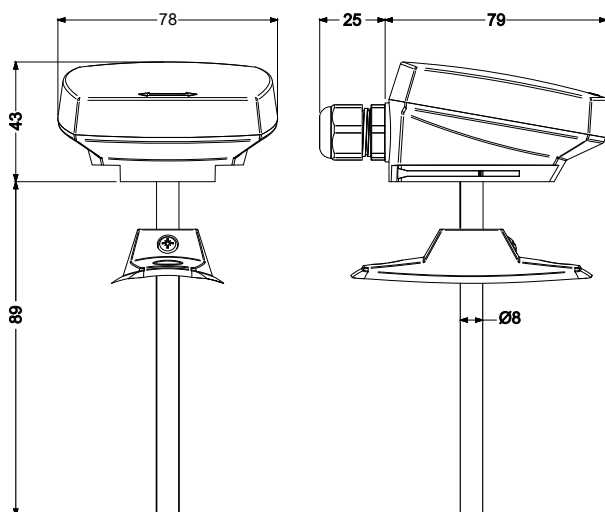
## Material

<b>Material, housing</b>	Polycarbonate (PC)
<b>Material, base</b>	Polycarbonate (PC)
<b>Material, probe</b>	Stainless steel, SUS304

## Models

Article	Sensor element	Nominal resistance	Equivalent
TG-MH3/PT1000	PT1000	1000 $\Omega$ (0°C)	-

## Dimensions



[mm]

## Documentation

All documentation can be downloaded from [www.regincontrols.com](http://www.regincontrols.com).