

# TG-AH4

Clamp-on sensor with housing



*Clamp-on sensor for surface temperature measurement.*

- ✓ Easy access to connection
- ✓ Replaceable cable gland
- ✓ Easy to mount with the included metal strap

## Application

The clamp-on sensor measures the media temperature in pipes. Several models with different sensor elements are available, making it possible to use these sensors together with different controller brands.

## Function

The pipe media heats or cools the pipe wall and the clamp-on sensor tracks the temperature. It is suitable for all environments and provides very good temperature readings due to its large contact surface with the pipe.

## Installation

The clamp-on sensor is easily fixed to the pipe with the included metal strap. It is designed to be used on pipes of various sizes.

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

The seal remains in the cover at all times and the cable gland is replaceable.

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TG-AH4

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THE CHALLENGER

## Technical data

<b>Protection class</b>	IP42
<b>Time constant</b>	3 s
<b>Measuring range, temperature</b>	-20...+120 °C
<b>Cable gland</b>	M16
<b>Dimensions, external (WxHxD)</b>	104 x 78 x 51 mm
<b>Accessories, included</b>	One metal strap and heat-conductive paste (art.nr: PASTA-20)
<b>Weight (incl. packaging)</b>	0.15 kg



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)

## Models

Article	Sensor element	Nominal resistance	Equivalent
TG-AH4/PT100	PT100	100 $\Omega$ (0°C)	-
TG-AH4/PT1000	PT1000	1000 $\Omega$ (0°C)	-
TG-AH4/NTC10-01	NTC 10	10 k $\Omega$ (25 °C)	Aquatrol - Johnson Controls - Satchwell - Trend - Cylon - Honeywell - Distech
TG-AH4/NTC20	NTC 20	20 k $\Omega$ (25°C)	Honeywell
TG-AH4/Ni1000-01	Ni1000	1000 $\Omega$ (0 °C)	Siemens - Landis & Staefa

## Accessories

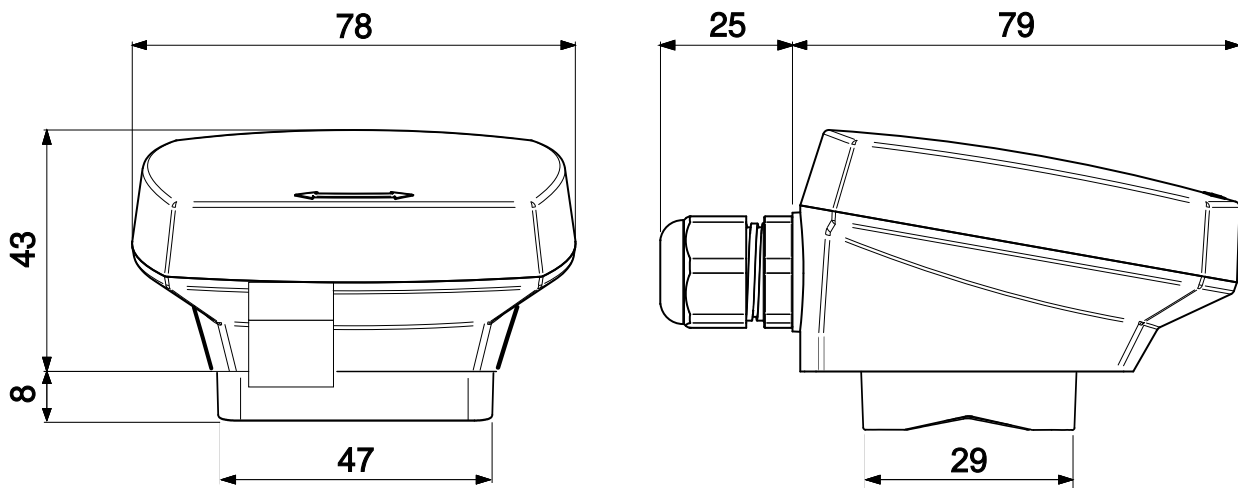
Article	Description
PASTA-20	Heat-conductive paste in tube, 20 g

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## Dimensions



[mm]

## Documentation

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