



# TG-AH1/NTC20

## Clamp-on sensor

Temperature sensor with NTC20 element for surface temperature measurement.

- Easy to mount
- Delivered with stainless steel metal strap for easy fastening

- Large contact surface
- Modern design and compact format

Tempero series room sensor with a modern design suiting all environments.

### Simple mounting

The sensor is delivered with a stainless steel metal strap and contact paste. The construction of the strap makes it easy to fix the sensor to the pipe.

### High measurement accuracy

The sensor provides good readings due to its large contact surface.

### Compatibility

The sensor is compatible with Honeywell.

### Technical data

|                   |   |
|-------------------|---|
| Temperature range | -20...+120°C  |
| Compatible with   | Honeywell   |
| Sensor element    | NTC 20k6A1, 20 kΩ/25°C                              |
| Time constant     | 5 s   |
| Cable gland       | M16   |
| Protection class  | IP42 (alt. IP40 depending on the mounting position) |

### Material

|                |                 |
|----------------|-----------------|
| Housing        | Polycarbonate   |
| Sensor element | Copper          |
| Strap          | Stainless steel |

### Colour

|       |                     |
|-------|---------------------|
| Cover | Polar white RAL9010 |
| Base  | Dark grey RAL7043   |

| Temperature (°C) | Resistance (Ω) | Temperature (°C) | Resistance (Ω) |
|------------------|----------------|------------------|----------------|
| 35               | 12698          | 120              | 609            |
| 30               | 15887          | 110              | 818            |
| 25               | 20000          | 100              | 1114           |
| 20               | 25350          | 90               | 1541           |
| 15               | 32346          | 80               | 2166           |
| 10               | 41567          | 70               | 3099           |
| 5                | 53812          | 65               | 3732           |
| 0                | 70203          | 60               | 4517           |
| -5               | 92322          | 55               | 5494           |
| -10              | 122431         | 50               | 6718           |
| -15              | 163777         | 45               | 8259           |
| -20              | 221088         | 40               | 10211          |

### Dimensions



### Head office Sweden

Phone: +46 31 720 02 00  
 Web: [www.regincontrols.com](http://www.regincontrols.com)  
 Mail: [info@regin.se](mailto:info@regin.se)

**REGIN**

THE CHALLENGER IN BUILDING AUTOMATION