



# TG-AH1/NTC2.2

## Clamp-on sensor

Temperature sensor with NTC2.2 element for surface temperature measurement.

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

Temporo 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.

- Large contact surface
- Modern design and compact format

### High measurement accuracy

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

### Compatibility

The sensor is compatible with Johnson Controls.

### Technical data

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Temperature range | -20...+120°C                                        |
| Compatible with   | Johnson Controls                                    |
| Sensor element    | NTC 2.2k3A1, 2252 Ω/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) |
|------------------|----------------|
| 35               | 1471           |
| 30               | 1814           |
| 25               | 2252           |
| 20               | 2813           |
| 15               | 3538           |
| 10               | 4482           |
| 5                | 5718           |
| 0                | 7353           |
| -5               | 9533           |
| -10              | 12460          |
| -15              | 16428          |
| -20              | 21860          |

| Temperature (°C) | Resistance (Ω) |
|------------------|----------------|
| 120              | 90             |
| 110              | 115            |
| 100              | 153            |
| 90               | 207            |
| 80               | 283            |
| 70               | 395            |
| 65               | 469            |
| 60               | 560            |
| 55               | 673            |
| 50               | 811            |
| 45               | 984            |
| 40               | 1200           |

### Dimensions



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