
G017678

# Heat Detector
# *CN-H/CS 84C HEAT IP-ADAPT IP67*

**Part no. 5101072-00A**

**System: CS3000, CS4000, NSAC-1, TERRA FIRE, TERRA ONE**

## General Description

CN-H/CS is an analogue addressable heat detector molded together with base adapter IP-ADAPT to fulfill IP67.

CN-H/CS is designed to give early warning for the presence of heat in the supervised area, and conforms to the CS temperature class (fixed 84°C). The detector is also available in temperature class A1R (fixed 54°C + rate of rise function according to EN54-5), see separate part no. in **Related products**.

CN-H/CS is equipped with OMNIVIEW 360° LED indicator giving a clear, full 360° visibility of the red alarm indication.

The detector can be placed in harsh environments when mounted on IP BASE, see separate part no. in **Related products**.

The technical detector address is set with programming tool CN ADDRESS PROGRAMMER, see separate part no. in **Related products**. Valid addresses are 1-254.

CN-H/CS is equipped with an output for remote indication.

## Data

| | |
|---|---|
| Function | Heat detector with thermistor, class CS. Alarm level: 84°C |
| Working voltage | 20-38 VDC |
| Working current | 0.2 mA |
| Alarm current | 5 mA |
| Remote indication | Max 3 mA |
| Ingress protection | IP67 |
| Cable terminals | 2.5 $mm^2$ |
| Temperature range | -25 °C to +70 °C |
| Air humidity | 0-95% RH |
| Material | PC/ABS |
| Colour | White |
| Weight | 300 g |
| Certified according to | CE 0832-CPR-F1044<br>DoP no: F0526<br>EN54-5: 2000 + A1: 2002 |

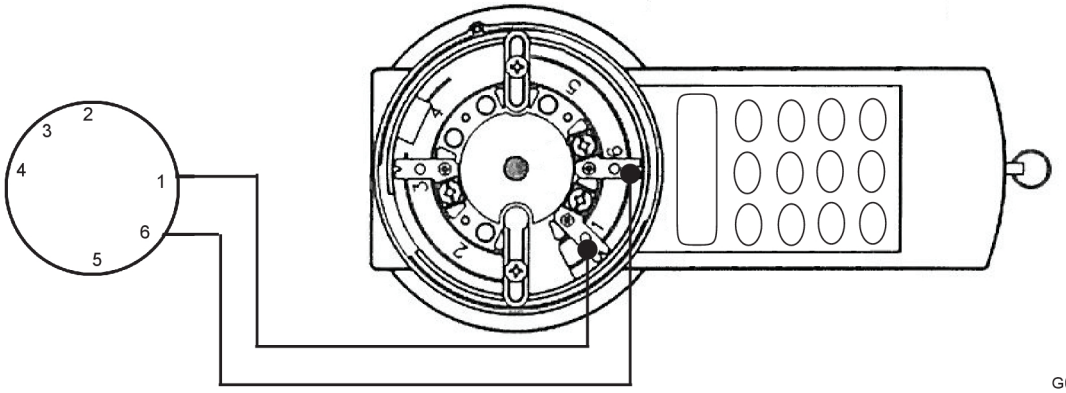
The expected life time of the product is affected by the environment it is mounted in.

**Related products:**

| | |
|---|---|
| Detector base | 5100774-00A IP-BASE |
| Programming tool | 22100 CN ADDRESS PROGRAMMER |
| Heat detector | 5101071-00A CN-H/A1R 54C HEAT IP-ADAPT IP67 |

## Addressing

How to set address on the detector

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**Prerequisites:**

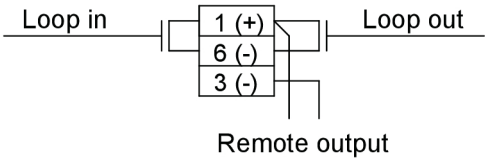
Use two cables with an alligator clam on one end and a stripped cable on the other end.

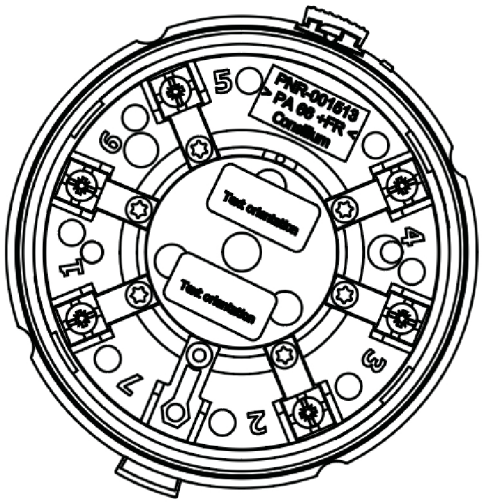
Use Programming tool CN ADDRESS PROGRAMMER, part no. 22100, as the addressing unit.

**Instructions:**

1. Connect the first cable between no 1 on the detector and no 1 on the programming tool, using the alligator clam.
2. Connect the second cable between no 6 on the detector and no 6 on the programming tool, using the alligator clam.
3. Continue by following the instructions in the data sheet for the programming tool.

## Connection



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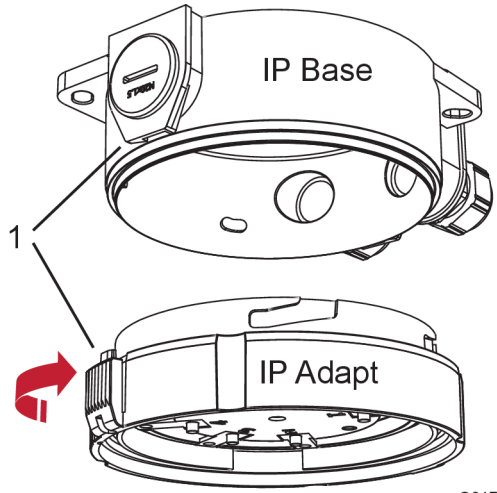
## Mounting

The base adapter is attached to the detector base IP-BASE with a bayonet mount. Turn the adapter in a clockwise direction and make sure the snap lock connector (1) snaps in place with a clicking sound.

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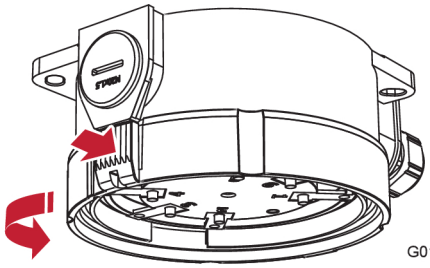
**Hint!**
The snap lock can be further secured with a screw in order to prevent removal of the adapter from the base.

To open the adapter, release the snap lock by pressing it inwards against the adapter, then turn the base in a counterclockwise direction.



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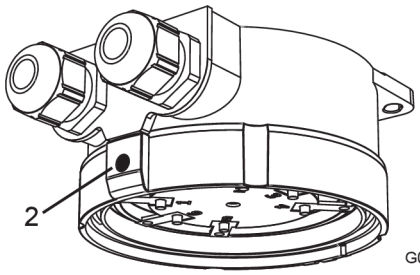
**Hint!**
Use a 5 mm screwdriver or similar as a lever, inserting it in the hole (2) to give extra force when turning.

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## Dimensions (mm)