



**TECHNICAL DATA SHEET**

**THERMAL RATE OF RISE CUM FIXED TEMP<sup>o</sup> DETECTOR**

**AGNI VEIGA IND-HT / HEAT DETECTOR**



The AGNI IND-HT Intelligent Heat Detector is a point detection device that continuously samples for temperature variation in the protected area to provide the earliest warning of a fire condition in areas where traditional smoke detection products are not suitable. This detector forms part of the Altair range of aesthetically pleasing low profile detection and alarm products and is fully compatible\* with all fire control equipment utilising the AGNI fully digital communication protocol. An integral magnet test facility allows easy activation to verify correct functionality and reporting.

**Product Overview**

- The thermal rating for rate-of-rise cum fixed temperature detectors varies depending on the specific product and its certification class according to standards like **EN 54-5** and **IS 2189 - 2175:1988**. A common temperature threshold is around 57°C (135°F), with a typical rate-of-rise activation of 7°C to 10°C fixed per minute
- Standards Compliance: Conforms to **EN54-5** Heat Detectors code of practice in **IS 2189.-2175:1988**

**INTELLIGENT HEAT DETECTOR**

- Intelligent digital communication protocol
- Auto addressing capability on compatible fire control panels
- LEDs providing 360deg cone of visibility
- Dust Restrict Chamber (DRC) technology offering advanced immunity to airborne contaminants
- Open style mounting base offers easy wiring and low pressure locking
- Programmable Handheld Device Programming Tool
- 4 selectable alarm thresholds
- Low profile Desing

1. Position the detector centrally on its mounting base (**ensure it is level**).

2. Rotate clockwise applying gentle pressure. The detector will drop into its keyed location.

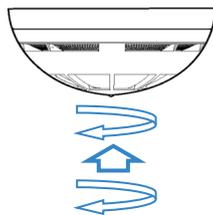
3. **Press more firmly** to win the force of the contacts.

4. Continue to rotate clockwise a few degrees until the detector has fully engaged in the mounting base.

5. When the detector is firmly engaged verify the alignment between the detector and the raised reference marks on the **base (figure 7)**.

6. After all detectors and other loop devices have been installed, apply power to the loop in accordance with the control panel's installation instructions.

7. Test the detectors as described in the section headed "TESTING".



**TECHNICAL SPECIFICATIONS**

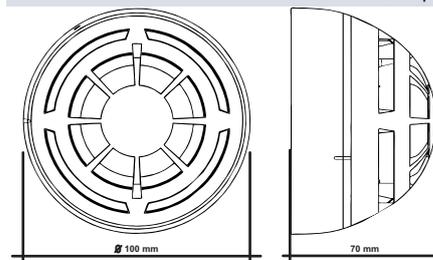
Loop voltage	15Vdc – 40Vdc *
Average standby current	70µA @ 24Vdc
Remote Output Max Current	20mA
Alarm Current	6mA @ 24Vdc
Temperature Range (Set)	-10°C / +70°C

Max tolerated humidity (non condensing) 95% RH

Max number of loop addresses 240 / 256

Weight (standard base included) 130 g

IP rating 40 (42 with base's waterproof protection)



**CE**  
EN 54-5-7  
IS 2189  
ERTL / NABL