# Marine Approved

# ATJ-ENM

## Marine Approved Analogue Heat Sensor

### Features

▸ Approved to MED by DNV
▸ SIL Level 2 approved variant available
▸ User selectable modes
▸ Incorporates Fixed Temperature and Rate of Rise Heat elements
▸ Twin LEDs allow 360º viewing – green when polling, amber when isolating, red in fire
▸ Pulsing/non-pulsing controlled from panel*
▸ Electronically Addressed

ATJ-ENM

ATJ-ENM(WHT)

### Description

Model ATJ-ENM is a Multi-Heat Sensor, which is fully compatible with Hochiki's ESP Analogue Addressable Protocol.

The ATJ-ENM incorporates a variable temperature heat element and a rate of rise heat element, both of which are controlled from the Control Panel, allowing either thermal element or both elements simultaneously to be active in making the fire decision. The sensor polling LEDs can also be controlled via the Control Panel (pulsing/non-pulsing)*.

## Specification

| | |
|---|---|
| Operating Voltage | 17 to 41 VDC |
| Low Power Mode (typ) | 110 µA |
| Quiescent Mode Current | 350 µA (typ) at 24 VDC |
| Maximum Current Consumption | 45.5 mA |
| Alarm Current (controlled by CIE) | 9.1 mA (excluding remote indicator) |
| Transmission Method | Digital Communications Using ESP |
| Operating Temperature Range | -10 ºC to + 50 ºC |
| Operating Humidity | 95% RH - Non Condensing (at 40 ºC) |
| Storage Temperature Range | -30 ºC to +60 ºC |
| Storage Humidity | ‹80% RH at 70 ºC |
| Colour / Case Material | Ivory or White / Polycarbonate |
| Weight (g) | 95 |
| Diameter (mm) / Height (mm) | 100 / 45 |
| Base Fixing Centres (mm) | 48 ~ 74 |
| Compatible Bases | YBO-BS, YBO-BSB2, YBN-R/3(SCI)M |
| IP Rating | BS EN 60529:1992+A2 2013 (Protection rating IP42) |
| Approvals | DNV |

*Control Panel compatibility required

## Ordering Codes

| Product | Part Number |
|---|---|
| **Analogue Heat Sensor** | ATJ-ENM |
| **Analogue Heat Sensor (White Case)** | ATJ-ENM(WHT) |

**For further information visit our website.** Hochiki reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained in this document it is not warranted or represented by Hochiki to be a complete and up-to-date description. Check online for current version.

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