



ATJ-E(WHT)/SIL

Analogue Heat Sensor

Features

- ▶ SIL Level 2 approved
- ▶ Ideal for use in oil and gas environments
- ▶ User selectable modes
- ▶ Incorporates Fixed Temperature and Rate Of Rise Heat elements
- ▶ Twin LEDs allow 360° viewing – green when polling, turn red in fire
- ▶ Pulsing/non-pulsing controlled from panel*
- ▶ Electronically addressed
- ▶ LPCB & VdS approved to Classes A1, B & C



Description

Model ATJ-E(WHT)-SIL is a Heat Sensor, which has been independently assessed and approved for use in a SIL2, low demand safety function with regards to random failure rates.

The ATJ-E(WHT)/SIL 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 – 41 VDC |
| Low Power Mode (typ) | 110 µA |
| Quiescent Current (typ) | 350 µA |
| Alarm Current (controlled by CIE) | 9.1 mA (excluding remote indicator) |
| Transmission Method | Digital Communications Using ESP |
| Operating Temperature Range | -10 °C to + 50 °C |
| Operating Humidity | 95% RH - Non Condensing (at 40 °C) |
| Storage Temperature Range | -30 °C to +60 °C |
| Storage Humidity | <80% RH at 60 °C |
| Colour / Case Material | White / Polycarbonate |
| Weight (g) | 90 |
| Diameter (mm) / Height (mm) | 100 / 45 |
| Base Fixing Centres (mm) | 48 ~ 74 |
| Compatible Bases | YBO-BS, YBO-BSB, YBN-R/3(SCI) |
| Approvals | LPCB & VdS approved to Classes A1, B & C |

*Control Panel compatibility required

Ordering Codes

Product

Analogue Heat Sensor

Part Number

ATJ-E(WHT)/SIL



For further information visit www.hochikieurope.com/silapproved

Hochiki Europe (UK) Ltd. 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 Europe (UK) Ltd. to be a complete and up-to-date description.