

# Fixed Temperature Heat Detector FD8010

## Rate of Rise Heat Detector FD8020



The fire detectors FD8010 and FD8020 provide reliable early warning of a fire condition upon ambient temperature reaching a fixed temperature threshold. They are available in two versions (A2S or BS for FD8010 and A2R or BR for FD8020) depending on the temperature threshold in accordance with the European Standard EN54-5.

The fire detectors are suitable for premises with normal or high ambient temperature, with possible sudden changes.

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### Technical data

**Supply voltage:**

– (10-30) VDC

**Duty mode current:**

– 44  $\mu$ A / 24 Vdc

**Fire condition current:**

- with base type 8000 or 8000D: (8-25) mA
- with base type 8000R, 8000DR: (18-55) mA

**Terminals:**

- For wires with cross section (0.5-2.5) mm<sup>2</sup>
- Degree of protection: IP 43

Operation temperature: -10 °C to +55 °C

Relative humidity: (93 $\pm$ 3) % at 40 °C

Sensitivity and temperature class: In accordance with EN54-5, class A2S or BS for FD8010 and class A2R or BR for FD8020

Mounting: Using bases of series 8000

Dimensions (base included):  $\varnothing$ 100, h 47 mm

Casing material: ABS plastics, white

Weight (base included): 0.100 kg

Protected area: Circle with diameter 10m, h 8m



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