

# Heat detector - BD-25

Conventional fire detection systems  
Product datasheet

## Features

- For use in dry rooms
- IP23
- Built-in alarm indicator (LED)
- EN 54-5

## Application

Heat detector intended for use in dry areas. The detector gives alarm when reaching a fixed alarm limit, 56 °C if the temperature increases slowly. A rapid increase in temperature will cause alarm at a slightly lower temperature. Often used in areas where smoke detectors are not to be used due to the false alarm problem. The detector comprises a built-in alarm indicator (LED). The detector can be connected to an analogue addressable system by means of interface units.



## Principle

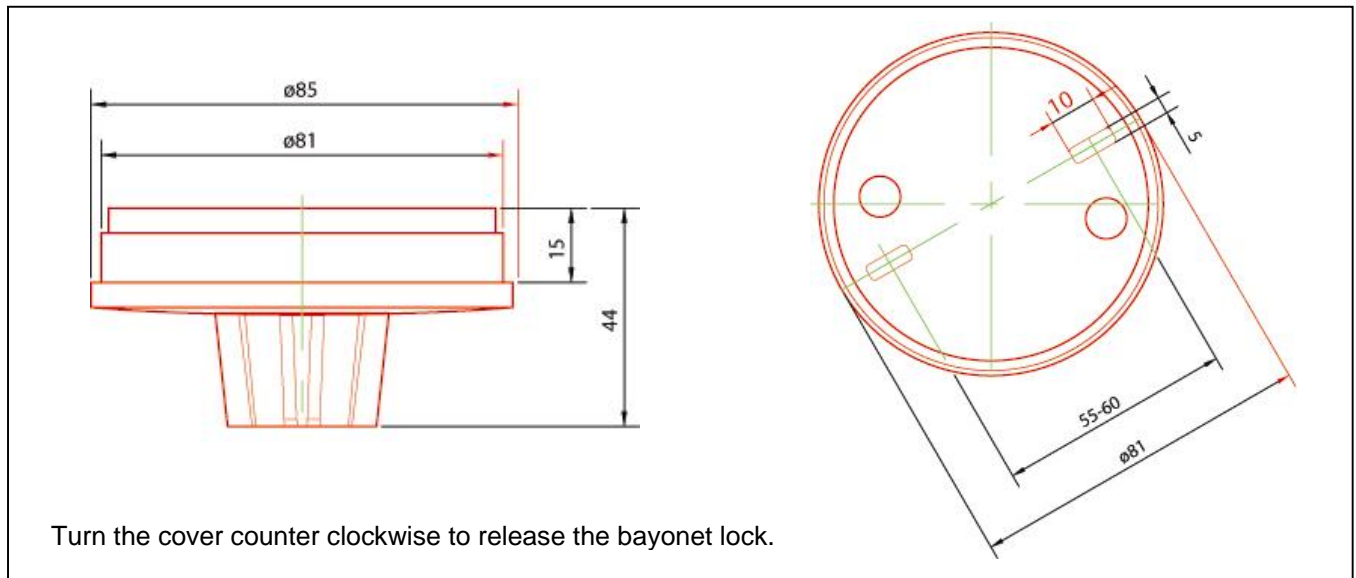
- Temperature measurement by means of a thermistor.

## Versions

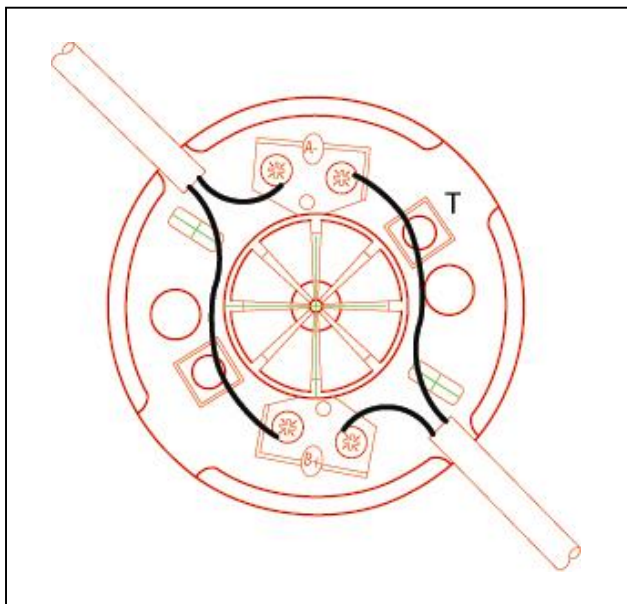
- BD-25 - Standard version
- BD-25/T - This version has an output for external alarm indication

Technical specifications	
Weight	65 g
Materials	Polycarbonate
Sensitivity	Acc. EN 54-5, class A1
Working voltage	14 VDC $\pm$ 2 V
Current consumption	
Normal:	0,2 mA
Alarm:	> 35 mA
Current load T-output (BD-26/T)	6 mA, LED
Environment requirement	EN 54-5
Environment	For use in dry rooms
Degree of protection	IP23
Temperature	-20 °C - +50 °C
Humidity (non condensing)	Max. 95 % RH
Maintenance	Dust cleaning
Service	Replace if faulty
CPD certificate	1134-CPD-014

### Dimensions



### Connections



Part number	Description
116-BD-25	BD-25 heat detector
116-BD-25/T	BD-25/T heat detector w/ output for external alarm indication

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