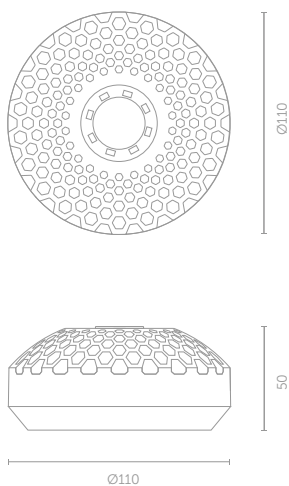# T Heat detector

The heat detector is used to detect a fire in the early stages of its development. It is equipped with a thermistor temperature detection system, which enables quick and effective fire detection. The detector operates in the AWEX fire alarm system. The element can be mounted on both loop and line addressable fire detection circuits. Heat detection is carried out by means of a 4-thermistor temperature measurement system. The fire alarm is triggered when the temperature limit is reached or if it rises rapidly. The microprocessor recognises the type of alarm and transmits it via the monitoring line to the control panel.

FEATURES OF HEAT DETECTOR T

› sensitivity and temperature class in accordance with EN54
› adjustable response threshold to compensate for environmental influences

› LED alarm indication
› additional LEDs for test status
› optional external status indicator

› integrated short-circuit isolator
› low-profile housing
› operation in addressable systems

DIMENSIONS [mm]

TECHNICAL DATA

FEATURE	HEAT DETECTOR T	
HEAT SENSOR CLASS	A1R	
HEAT DETECTION	OVERLOAD-DIFFERENTIAL	
SUPPLY VOLTAGE	24 [VDC] ± 25%	
QUIESCENT CURRENT CONSUMPTION	<160 [µA]	
ALARM CURRENT CONSUMPTION	<500[µA]	
OPERATING TEMPERATURE	-25 UP TO 55 [°C]	
CASING TIGHTNESS	IP20	
ADMISSIBLE RELATIVE HUMIDITY	95% AT TEMP. 35 [°C] WITHOUT CONDENSATION	
OPTICAL SIGNALLING	LEDs: RED, GREEN	
DIMENSIONS	ø110x50 [mm]	
WEIGHT	200 [g]	
CASING COLOUR	WHITE	BLACK
PRODUCT CODE	FSD001	FSD010