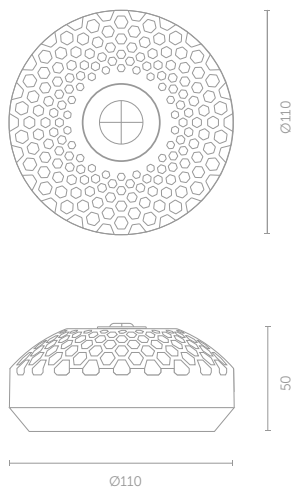## TF — Heat detector with FLASH LED

The heat detector is used to detect a fire in the early stages of its development. It incorporates a thermistor temperature detection system, which allows quick and effective detection of a fire. In addition, the detector has an additional optical signalisation, thanks to which the detector's fire alarm becomes visible from a long distance. The device operates in the FAS fire alarm system. This element can be installed on both loop-type and radial addressable monitoring lines. Heat detection is carried out by means of a 4-thermistor temperature measurement system. A fire alarm is triggered when the temperature limit is reached or if it is found to rise rapidly. The microprocessor recognises the type of alarm and transmits it via the surveillance line to the control panel.

FEATURES OF HEAT DETECTOR TF

- sensitivity and temperature class in accordance with EN54
- adjustable response threshold to compensate for environmental influences
- alarm indication by FLASH LED
- additional LEDs for indicating test status
- accessory external status indicator
- integrated short-circuit isolator
- low-profile housing
- operation in addressable systems

DIMENSIONS [mm]

Ø110

50

Ø110

TECHNICAL DATA

FEATURE	HEAT DETECTOR WITH POWER LED TF	
HEAT SENSOR CLASS	A1R	
HEAT DETECTION	OVERLOAD-DIFFERENTIAL	
SUPPLY VOLTAGE	24 [VDC] ± 25%	
QUIESCENT CURRENT CONSUMPTION	<160 [µA]	
ALARM CURRENT CONSUMPTION	<2 [mA]	
OPERATING TEMPERATURE	-25 UP TO 55 [°C]	
CASING TIGHTNESS	IP20	
ADMISSIBLE RELATIVE HUMIDITY	95% AT TEMP. 35 [°C] WITHOUT CONDENSATION	
OPTICAL SIGNALLING	GREEN LED, RED FLASH LED	
DIMENSIONS	Ø110x50 [mm]	
WEIGHT	200 [g]	
CASING COLOUR	WHITE	BLACK
PRODUCT CODE	FSD004	FSD013