

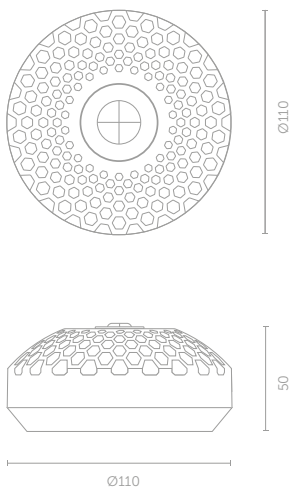


The heat and smoke detector is used to detect fires in their early stages. The device incorporates two sensors: of heat and of smoke. The use of two types of sensors makes it possible to detect all types of fires in a quick and reliable way. Moreover, the detector has an additional optical signalisation so that the detector's fire alarm can be seen from a distance. The detector operates in the AWEX fire alarm system. The element can be mounted on addressable monitoring lines, both loop type, as well as radial.

FEATURES OF THE HEAT AND SMOKE DETECTOR TSF

- > sensitivity and temperature class in accordance with EN54
- > monitoring of the soiling level
- > 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]



TECHNICAL DATA

FEATURE	HEAT AND SMOKE DETECTOR WITH FLASH LED TSF	
SUITABILITY FOR THE DETECTION OF TEST FIRES	TF1, TF2, TF3, TF4, TF5, TF6, TF7, TF8, TF9	
SMOKE DETECTION	OPTICAL, SCATTERING	
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	FSD006	FSD015