

The heat and smoke detector is used to detect a fire in its early stages. The device is furnished with two sensors: for heat and for smoke. The use of two types of sensors makes it possible to detect all types of fires in a quick and reliable way.

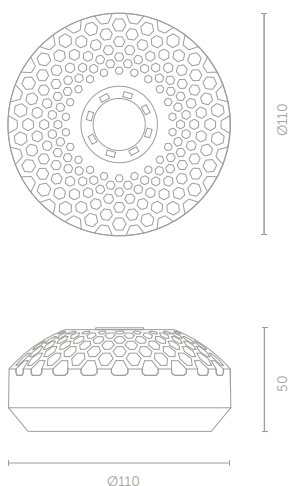
The detector operates in the AWEX fire alarm system. The element can be installed on addressable monitoring lines, both loop and radial ones. Smoke identification takes place in the detector's detection chamber equipped with photoelectric diodes.



FEATURES OF THE HEAT AND SMOKE DETECTOR TS

- > sensitivity and temperature class in accordance with EN54
 - > monitoring of soiling
 - > adjustment of the response threshold to compensate for environmental influences
 - > smoke analysis supported by heat analysis function
 - > detector isolation possible
- > 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 AND SMOKE DETECTOR TS	
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	<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	FSD003	FSD012