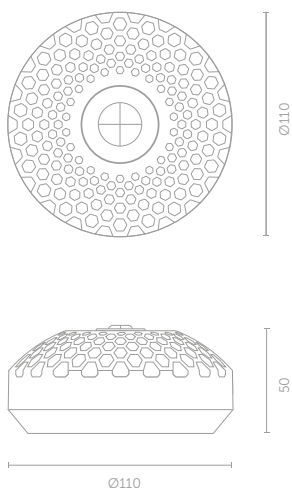# SF

Smoke detector with FLASH LED

The smoke detector is used to detect a fire in its early stages. It incorporates an optical diffuse smoke sensor. The use of this type of a sensor makes it possible to detect a fire in a quick and reliable way. In addition, the detector has additional optical signalisation, which makes the fire alarm visible from a long distance, The detector operates in the fire alarm system FAS. The element can be mounted on addressable detector lines both loop and radial. Smoke identification takes place in the detector's detection chamber equipped with photoelectric diodes.

FEATURES OF THE SMOKE DETECTOR WITH FLASH LED SF

› sensitivity level and temperature class in accordance with EN54
› soiling monitoring
› adjustment of the response threshold to compensate for environmental influences

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

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

DIMENSIONS [mm]

Ø110

Ø110

50

Ø110

TECHNICAL DATA

FEATURE	SMOKE DETECTOR WITH FLASH LED SF	
SUITABILITY FOR THE DETECTION OF TEST FIRES	ACCORDANCE WITH EN 54-7	
SMOKE DETECTION	OPTICAL, SCATTERING	
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	
DIMENSIONS	Ø110x50 [mm]	
WEIGHT	200 [g]	
CASING COLOUR	WHITE	BLACK
PRODUCT CODE	FSD005	FSD014