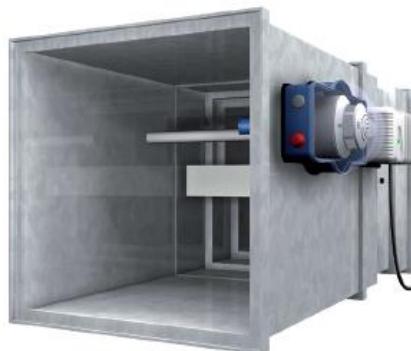


# SMOKE DETECTOR-SPVS

## Smoke detection sensor in air intake



### DESCRIPTION

On the supply side of the GV-SPVS ventilation unit, a special sensor is installed that is capable of detecting smoke particles in the event of a fire. This system quickly triggers an alarm, which can be mounted in a safe location, with a clean contact or through the control panel to stop the machine itself, preventing smoke from spreading inside the stairwell in the event of a fire.

### TECHNICAL DATA

Area of application	ventilation ducts
Min./max. airflow	1 m/s to 20 m/s
Protection type	IP 54 (on duct surface)
Material	PC/aluminium tube
Mounting holes	on the ventilation duct 2 x Ø 28–30 mm
Openings	150 mm spacing for securing to the housing, 2 x max. 6 to 206 mm spacing
Cable entry	4 x Ø 6–10 mm
Dimensions without tube (L x W x H)	25 x 13,5 x 10 cm
Weight without tube	approx. 350 g
Operating principle	scattered light
Response threshold	according to building and inspection principles for smoke-triggering devices (12/76)
Operating voltage	16 to 28 V DC
Residual ripple	≤ 200 mVSS
Power consumption at 28 V DC	idle state 22 mA
	in the event of an alarm 11 mA
	in the event of a fault 16 mA
Relay contact with alarm self-locking	Max. switching voltage 30 V AC/30 V DC Max. switching current 1 A
Ambient operating temperature	-20 to +60 °C
Relative humidity without condensation	95%
Weight	120 g

