

# Halton Safe HSR – Smoke sensor, room



## Overview

Halton Safe HSR is part of the Halton fire and smoke safety offering.

This is an optical sensor and detects smoke in rooms. It is used to provide alarm indication to Halton Safe Link units. The sensor type is Calectro EVC-PY-DA. It is equipped with an optical chamber and a light source, which makes it possible to detect even small particles right from the starting phase of a fire.

**Note:** An optical sensor reacts to the consistency of particles in the air, for example, smoke. It can react also to dense water vapour.

## Applications

- Controlling fire dampers and smoke detectors in buildings.

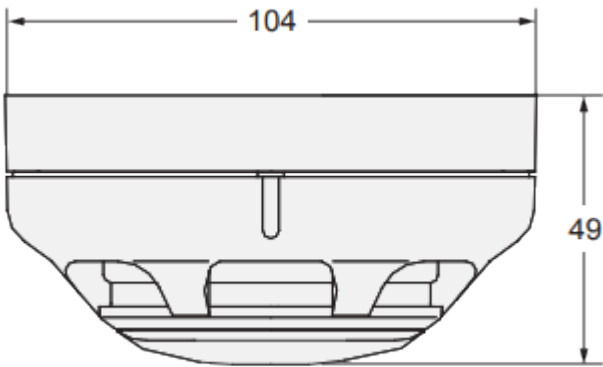
## Key features

- Optical smoke sensor
- Easy to install

# Features and options

Feature	Description
Power supply	24 V DC
Detector type	Optical
Communication	mA current
IP class	IP22

# Dimensions and weight



*Fig.1. Dimensions of Halton Safe HSR*

## Weight:

0.15 kg

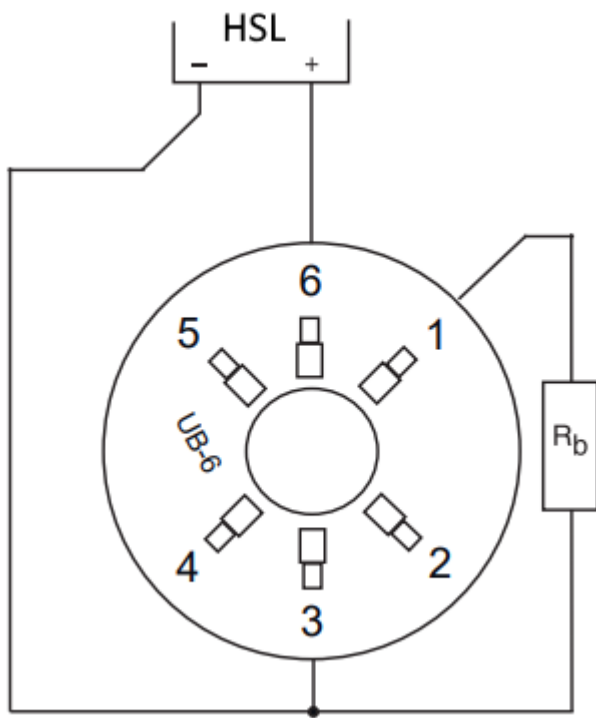
# Specification

Optical smoke detector in room for the Halton Safe Management 2.0 system.

# Installation information

For detailed information as well as installation and maintenance instructions, see the Calectro website.

## Connection diagram



**Fig.2.** Connection diagram of Halton Safe HSR.  $R_b$ : Terminating resistor 2.2 k $\Omega$ .

## Order code

### HSR/M; ZT

**M = Model**

R1 Calectro ST-P-DA

### Other options and accessories

**ZT = Tailored product**

N No

### Code example

HSR/R1, ZT=N