



# IS optical smoke/heat detector

**Salwico NS-AOHS-IS**

Part no. N11250

System: Salwico CS3000\*, CS4000, NSAC-1 fire alarm system

## Description

NS-AOHS-IS is an intrinsically safe analogue addressable multi sensor detector for Salwico fire alarm systems.

It has two separate analogue sensor elements. One optical for smoke detection and one heat-sensing element for heat detection.

Alarm condition is indicated on the detector via a red LED. The LED is lit until the alarm has been reset on the control panel.

The address is set with a DIP switch, which is mounted on the backside of the detector.

NS-AOHS-IS is connected to the detector loop via the ISOLATOR-A, part. no. N1790. Up to 20 addressable IS units can be connected to one ISOLATOR-A.

It is not possible to connect any remote LED indicator to NS-AOHS-IS.

## Safety data

Max input voltage ( $U_i$ )	28 VDC
Max input current ( $I_i$ )	93.3 mA
Max input power ( $P_i$ )	0.66 W
Max internal capacitance ( $C_i$ )	1 nF
Max internal inductance ( $L_i$ )	Negligible
Responsible manufacturer	Consilium Fire & Gas, www.consilium.se

Only clean outside of detector by using a damp cloth.

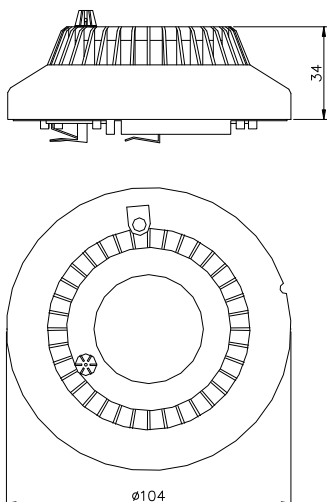
## Data

Smoke sensing method	Light scattering type Infra-red
Nominal voltage	24 VDC
Working voltage	15–28 VDC
Working current	0.2 mA
Alarm current	2.5 mA
Alarm temperature	84°C
Temperature range	-25°C to +70°C
Ambient humidity	0-95% RH, non-condensing
Ex class	⚡ II 1G EEx ia II C T5 T <sub>a</sub> : 70°C
Cert. NEMKO	05ATEX1136X
CE	CE0470
Colour	White
Weight	~100 g (head only) ~340 g complete with ADAPTER AOHS-IS and base 2IP55

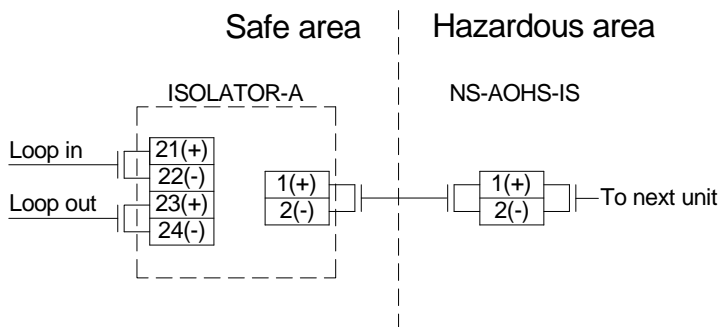
It is important only to use the special base adapter ADAPTER AOHS-IS part. no. N1430 together with a suitable base. For information about suitable bases, see separate document "Base matrix Salwico units".

\* SPK-2 for NOSE based detectors.

## Dimensions (mm)



## Connection



Specifications may be subject to change for improvement without prior notice

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