



UV flame detector *Salwico NS-AUV*

Part no. N11121

System: Salwico NSAC-1 fire alarm system

Item 225

Description

The NS-AUV is an analogue addressable flame detector for Salwico addressable fire alarm systems. It is sensitive to ultraviolet light emitted by flames.

Due to its high sensitivity to UV-light, the detector has a built-in advanced alarm algorithm to avoid false alarms. Thanks to the very wide supervising angle it can cover large areas, and the UV tube is protected by a quartz glass. This flame detector is very suitable for use in harsh environments.

When the detector is in alarm condition, a red LED on the detector will be lit. The LED will be lit until the alarm has been reset at the control panel.

The detector can be connected to the fire detection loop by using two different base plates.

In dry and clean spaces the base plate NS-BNCL can be used.

In harsh environment the IP55 base NS-2IP55 together with the adapter NS-ADAPT can be used.

The address is set with a DIP switch.

The detector is polarity independent.

An external LED indicator, buzzer etc. can be connected to the remote output.

The polarity of the loop has to be connected according to the drawing below if the remote output is used.

Data

Sensor type	UV Iron
Wave length detection	185 - 260nm
Supervising angle	100°
System voltage	24 VDC
Operating voltage	15 - 35 VDC
Operating current	
- supervising alarm	0.8 mA / 2.5 mA
Remote output	2 mA (for remote indication)
Operating temperature range	-25°C to +70°C
Ambient humidity	0 to 95% RH
Colour	White
Material	ACS
Weight	~105 g
	~170 g (with NS-BNCL or UB-1)
	~520 g (with NS-2IP55 and NS-ADAPT or SPB-1)

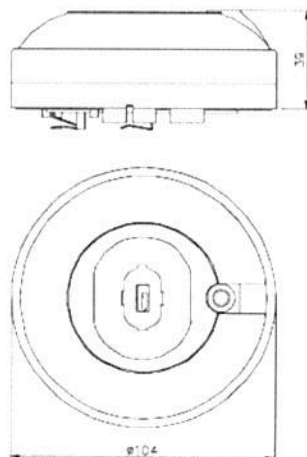
Base plates

NS-BNCL, low profile	
UB-1, low profile	
NS-2IP55, IP55 base	
NS-ADAPT, adapter to IP55 base	
SPB-1, adapter to IP55 base	

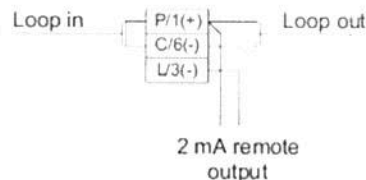
Part no.

N1402
46911
46900
N1421
46915

Dimensions (mm)



Connection



Installation

