UV flame detector
Salwico NS-AUV

Part no. N11121

System: Salwico CS4000, NSAC-1 fire alarm

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.

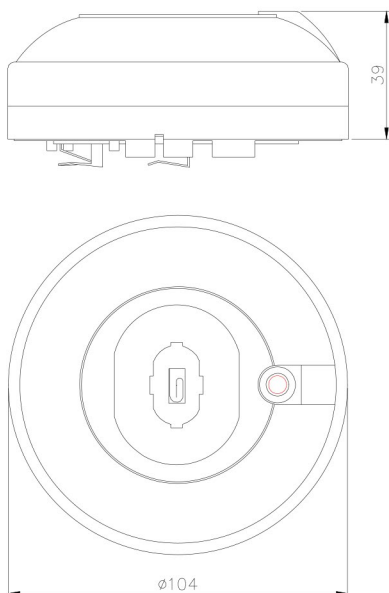An external LED indicator, buzzer etc. can be connected to the remote output.

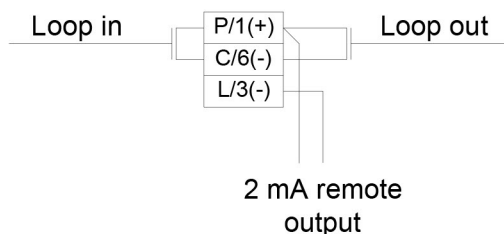The polarity of the loop has to be connected according to the drawing below if the remote output is used.

Data

Sensor type	UV Tron
Wave length detection	185 - 260 nm
Supervising angle	100º
System voltage	24 V DC
Operating voltage	15 - 35 V DC
Operating current	
- supervising/alarm	0.3 mA / 2.0 mA
Remote output	2 mA (for remote indication)
Operating temperature range	-25ºC to +70ºC
Ambient humidity	0 to 95% RH
Colour	White
Material	ACS
Weight	~105 g

For information about suitable bases, see separate document "Base matrix Salwico units".

Dimensions (mm)

Connection

Loop in — P/1(+) / C/6(-) / L/3(-) — Loop out

2 mA remote output

Installation

100° — 10 m — 340 m²

30° — 10 m — 570 m²

Specifications may be subject to change for improvement without prior notice

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