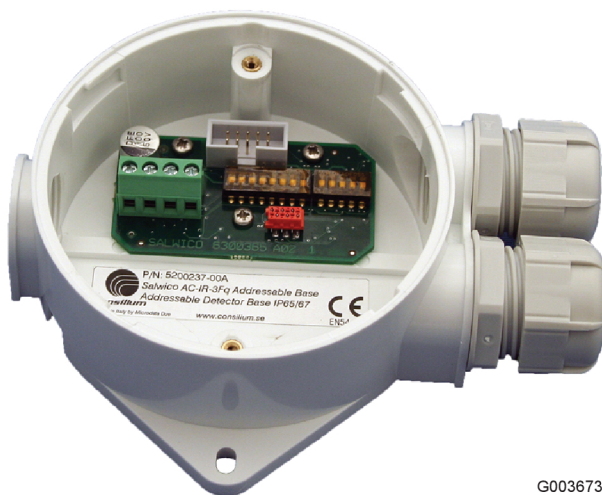




G003673

Addressable Base for IR Flame Detector

Salwico AC-IR-3Fq Addr Base

Part no. 5200237-00A

System: CS3000, CS3004, CS4000, NSAC-1*, Salwico Cargo, Salwico Cruise, Salwico LNG, Salwico Offshore, Salwico Ro/Pax, Salwico Workboat, Salwico Yacht, Salwico Navy, OEM Extinguish. * Requires LC1 R6 SW v.2.61.34 or later

General Description

AC-IR-3Fq Addr Base is suitable for installation of AC-IR-3Fq Detector in a harsh environment. The base plate provides ingress protection up to IP67, when lock screws are used.

The base provides a termination possibility, for detector set in Addressable mode. The address is set by an 8-way DIP-switch.

Salwico AC-IR-3Fq Addr Base is developed to provide Short Circuit Protection. The Short Circuit Isolator function is fully transparent and does not require any setting.

Features

- IP65/IP67 Ingress protection
- Low current draw
- Suitable for installation in harsh environment

Data

Electrical Specifications

Nominal working voltage	30 VDC
Working voltage	22-38 VDC
Working current	Max 0.6 mA
Current when short circuited	12 mA
Alarm current	Max 1 mA (Including detector)
Remote output	N.A.

Environmental Specifications

Application Temperature Range	-25°C to +75°C
Humidity	Up to 95%
IP Rating	IP65 (IP67 w/locking screws)

Mechanical Information

W x L x H	130 x 110 x 37,5 mm
Diameter	100 mm
Weight	130 g +/- 10
Wire Gauge for terminal	0.75÷2.5 mm ²
Colour	White RAL9010
Material	PCB Flame Ret. Class: CL UL94V0

Certified according to



0474/yy

yy = year of production

Detector

5200236-00A Salwico AC-IR-3Fq

Switch Settings

SW1 - Address Switch

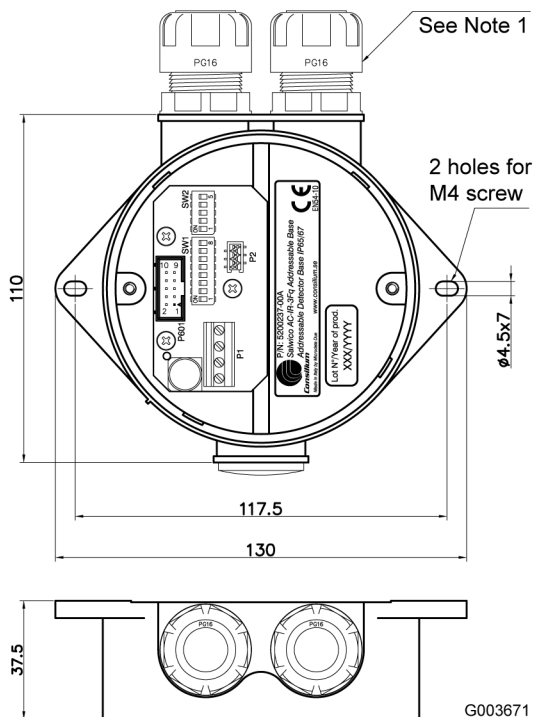
The address is set by an 8-way DIP-switch

SW2 - Setting Switch

DIP No.	Default Setting	Explanation
1	OFF	IR-Detector
2	OFF	Not used
3	OFF	Not used
4	OFF	Not used
5**	OFF	SCI (Short Circuit Isolator) enabled

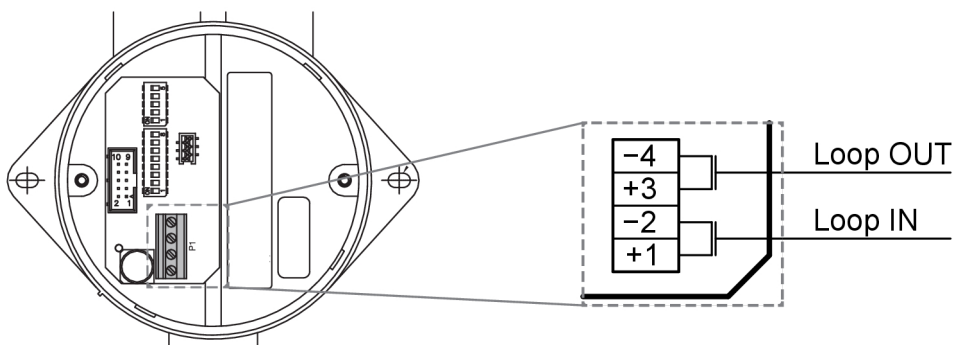
** When used in older systems such as CS3000, CS3004, CS4000, NSAC-1 DIP No. 5 shall be set to the ON position. Disabling SCI function will avoid some operational disturbance. When used in Salwico CCP based systems Dip No. 5 shall be set to the OFF position, enabling SCI function.

Dimensions (mm)



Note 1: PG16 Cable-glands & stop-end are supplied in kit with base.

Connection



Flame Detector DIP-switch settings

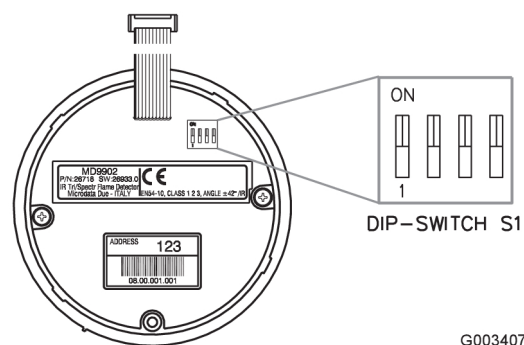


Figure 1. AC-IR-3Fq Flame detector setting S1-DIP-Switch

Mode	Sw.No.3	Sw.No.4
Addressable*	OFF	OFF

*Default factory setting

Replacement Info

When replacing "UV"-type addressable detector, the loop/system needs to be restarted!