

- Protec AlgoTec™ 6000 Protocol
- Loop Powered
- High Output Electronic Sounder
- Low Current Consumption
- Integral Short Circuit Isolator
- Weatherproof to IP65
- Choice of Colours



The 6000/SSR addressable loop powered high output electronic sounder designed by Protec in house developers, utilises a Piezo driver unit to enable high sound output and very low current consumption. With two base options and improved aesthetic appearance the 6000/SSR simplifies the installation of the device.

The 6000/SSR is a low current loop powered addressable device utilising the Protec Algo-Tec 6000 protocol. With typical sound output of 100dB(A) at 1m the sounder has 3 different tones (warble, continuous and pulse) selectable at the control panel. Volume can be adjusted between 100, 95 and 75 dB(A), again at the control panel. The 6000/SSR incorporates a loop short circuit isolator to enhance the system integrity and is designed to comply to all relevant CE and LVD standards.

Available in either Red or White body colours, the 6000/SSR has an IP65 rating making the product suitable for mounting internally or externally. An optional deep base allows surface mounted cable to be terminated directly into the sounder.

The 6000/SSR is an ideal addition to any fire alarm system providing a clear audible indication of a fire alarm.

As Protec are specialists in the safety systems market, our main objective is to produce high quality and reliable products. Manufacturing at our UK based facilities, our in-house design team develop innovative products which are produced using the latest manufacturing techniques with in-line automatic test equipment to ensure consistent high quality and reliability.



6000/SSR



6000/SSR + 28-982-75



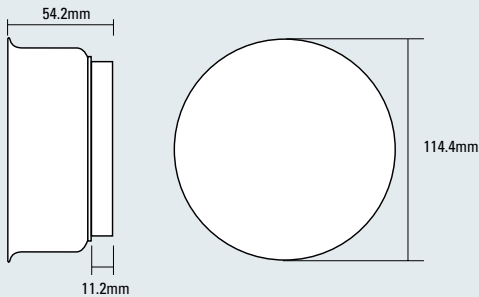
6000/SSW



6000/SSW + 28-983-76

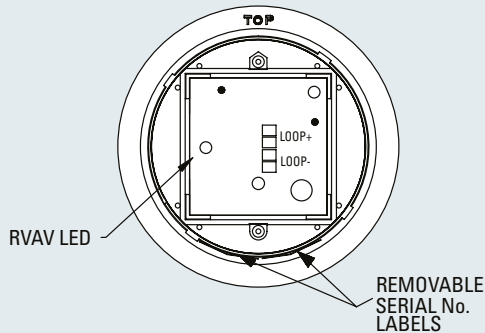
6000/SSR Technical Specification

Dimensions (mm)



Loop Wiring

PCB Connection Details Rear View (Gland Box Removed)



Technical Specification:

Loop Powered	Yes
Loop Standby Load	700µA
Loop Alarm Load	5mA
Number of Addresses	1
Loop Isolator	Yes
Output Details	Piezo sounder. Sounder tone and volume selectable at the control panel
Weight	244g
Temperature Range	-10°C to 55°C
Humidity	0 to 85% RH non condensing
IP Rating	IP65
Construction	ABS Base & Body
Applicable Standards	Designed to EN54 Part 3 & 17 Compliant to CE and LVD standards
Approvals	LPCB to EN54 Part 3 : 2001 Cert No 201n
Device Protocol	Algo-Tec™ 6000

FAST™ Addressing

FAST™ (Firmware Addressed Secure Technology). Each Algo-Tec™ 6000 device is manufactured with a unique serial number factory programmed (firmware embedded) and device label. The label includes the serial number on 2 bar-coded segments, 2 of which are removable by the installer (one is a spare). The label is attached to an address location booklet, which is handed to the engineer prior to commissioning. During commissioning the engineer scans the address location booklet to download the loop, address and serial number details. The downloaded data is then checked and stored within the secure non-volatile memory of the control panel and the addressing is complete. FAST™ and easy, eliminating troublesome and time consuming setting of address cards and DIL switches. FAST™ addressing is more secure than 'SOFT ADDRESSING' and easier to extend or amend, allowing greater flexibility and reduced costs.

Model References

Product Code	Colour Options
6000/SSR	Addressable Red Sounder & Base
6000/SSW	Addressable White Sounder & Base
NOTE: All the Model References above are loop powered addressable devices, supplied with a low profile base. An optional deep base (below) can be purchased separately to allow surface wiring to be terminated directly into the base.	
29-982-75	Red Deep Base
29-983-76	White Deep Base

No	Tone Options
1	Warble 990Hz 250ms 665Hz 250ms
2	Continuous Tone at 990Hz
3	Pulse Tone 990Hz 500ms Silence 500ms
NOTE: The tone and volume are selectable at the control panel. Volume options - High-100, Mid-95, Low-75 dB(A)	

Deep Base Dimensions (mm)

