

Technical Bulletin

New Thermal Printer for Kentec Control Panels

TB 1031

Introduction

Kentec Analogue Addressable control panels supplied from August 2004 will be fitted with a new printer mechanism (where required) in place of the S558 printer.

This mechanism has the following features:

- Easier paper feed - The paper is fed through the printer, rather than from the bottom of the mechanism. This makes feeding the replacement paper a simple task and avoids the use of hinged printer fixing brackets.
- Faster printing - this is particularly useful when printing event logs and configuration details
- Support for different character sets & fonts - this allows international language support to be fully implemented
- Compact paper format - a 58mm wide printer paper is used on this product.

Unlike the previous printer (part number S558), this new printer is not a universal part for all Kentec control panels. Care should be taken when ordering replacement parts or spare paper.

S232 Printer Versions

Four versions of the printer are available, with the following part numbers:

S232SYN - this is configured to be compatible with Syncro panels with an "all steel" enclosure.

S232ABS - this has an alternative fixing to allow installation on the Syncro ABS enclosure door.

S232SOL - this is configured to be compatible with the Solo & Solo 2 range of control panels

S232SIG - this is configured to be compatible with the Signifire 2 range of control panels only.

All of the above printers have the same printer mechanism, but are factory programmed with different operating firmware and have alternative mounting positions suitable for each panel type.

NOTE: The S232SOL printer may not be suitable for use in the original Solex control panels due to insufficient clearance between printer and power supply unit.

Replacement Printer Paper

All variants of the S232 printer use 58mm thermal paper - part reference **B2869**.

IMPORTANT NOTE - The S558 printer paper (B2415) is not compatible with this product

Paper Feed / Replacing the paper

The Kentec range of control panels utilise a power saving feature, by switching off the power to the printer when in a quiescent condition. In order to "wake up" the printer and start the paper feed mechanism, it is recommended that the control panel be put into access level 2 and the front panel "Reset" button pressed. However any events reported on the panel will force the printer to operate.

Syncro Panel Firmware Compatibility

The S232SYN / S232ABS printers are compatible with all versions of Syncro firmware, however on older panels the first few characters may not be printed. This is because there is an insufficient time delay between applying power to the printer and sending data to the printer.

It is recommended that the Syncro Panel is upgraded to firmware version 4.0 (or later) when using the S232SYN / S232ABS printer unit to avoid this problem.

Solo & Signifire Panel Firmware Compatibility

There are no known compatibility issues with Solo, Solo2, Solex and Signifire panels.