



# MERLYN ELECTRONICS NEWSLETTER

MARCH 2008

**MERLYN ELECTRONICS HAS OVER 20 YEARS EXPERIENCE AS A MAJOR MANUFACTURER AND SUPPLIER OF SPECIALLY DESIGNED TEMPERATURE CONTROLLERS.**

## BRANCHING OUT

With the acquisition of Smatex Ltd in 2007 Merlyn Electronics took on the responsibility of continuing the companies long-standing success in the design and manufacture of high quality, high precision and high reliability analogue systems.

Smatex began life in 1975 as a supplier of specially designed heating systems for the textile industry, over the last 38 years the company has developed and grown significantly. Now trading as a part of Merlyn Electronics Smatex operates across a broad range of sectors including



- Transport
- Food and Drink
- Textiles
- Process Control
- Instrumentation
- Temperature
- Safety Systems

## HISTORY OF SUCCESS

Over the years Smatex has continually proven itself to be a market leader in the design and development of high quality, high precision analogue systems. This is demonstrated by the companies continued success in bringing new products to market.



## CASE STUDIES

### Lineariser (Process and Instrumentation industry)

In 1981 Smatex developed an accurate and inexpensive method of plugging a platinum resistance thermometer temperature sensor into a direct reading meter or recorder without linearising problems. The device produced a dc output of 1 mv for every °C and is accurate to 0.1 °C over a range of -100 to 350 °C.

### Multipoint Temperature Control (Textile Industry)

The Smatex multipoint temperature control system is a system of control where a single set point module will control a multi heater system. A typical system consists of 1 set point module controlling over 100 temperature locations.

## LOOKING TO THE FUTURE

Smatex and Merlyn combined have over 60 years experience as major manufacturers and suppliers of electronics for the rail industry. The company is currently working on developing new products to strengthen its position as a market leader in the rail sector.

Merlyn has designed and produced pcb's and components for propulsion systems used in trains and trams in the UK and abroad for many years. Our highly trained production team uses the manufacturing technology to produce individual and high quality products to very short lead times.

In the future the company plans to grow its business within the rail sector by building bespoke high quality high precision electronic systems to customer requirements. We are particularly excited by the opportunities to apply our experience with the latest led technology .

We would be delighted to discuss your specific requirements and provide a competitive quote for design, development, prototyping and production. Please do not hesitate to call our sales team.

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