

BANNER ENGINEERING, the photoelectric specialist

A worldwide success story

Banner Engineering was founded in 1966 in Minneapolis USA, starting out as a custom electronics engineering firm building control panels. Six tough years later, Banner made a commitment to become an innovator in photoelectric sensing. From this commitment came one of the global leaders in sensor technology. Today Banner is the largest, most capable and preferred photoelectric sensor company, with the broadest line of products and solutions available. Banner is a global enterprise with world class manufacturing. It offers sales, distribution and service in every major country worldwide.

Bob Fayfield, founder and CEO of Banner, was named Ernst & Young National Entrepreneur of the year (manufacturing category) in the United States a few years ago. According to Ernst & Young, Mr Fayfield and Banner have pushed their industry to the next level of innovation. One in five Banner employees is involved in product design. The state of the art Banner Design Centre in Minneapolis houses more than 100 engineers

who research, develop and apply the latest optical and safety technologies, including integrated circuit design and software development.

Banner has one of the most advanced manufacturing capabilities in the industry. Over 20 000 different products are produced in six highly automated manufacturing and assembly facilities. Automation is the backbone and Banner utilises surface mount technology to populate the boards at speeds of up to 30 000 components per hour. Products can be produced at more than one location and can typically be manufactured and shipped in just three days. Banner also manufactures thousands of unique and custom products annually to perform a special function for a specific customer. In a typically 'one-size-fits-all' world, Banner works harder to custom-tailor each sensing solution.

Banner's product range can be split into three categories:

Photoelectric Sensors – more than 12 000 versions including models with self contained or remote amplifiers, limit-switch style or miniature housings, precise range or high power up to 300 m as well

as a broad range of glass and plastic fibre optic assemblies are available. Banner's vision sensors, lighting and accessories offer vision solutions for the most challenging applications and include barcode reading and quality evaluation.

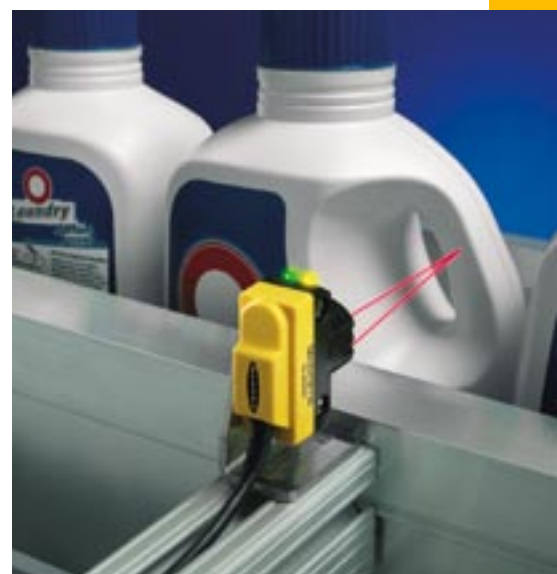
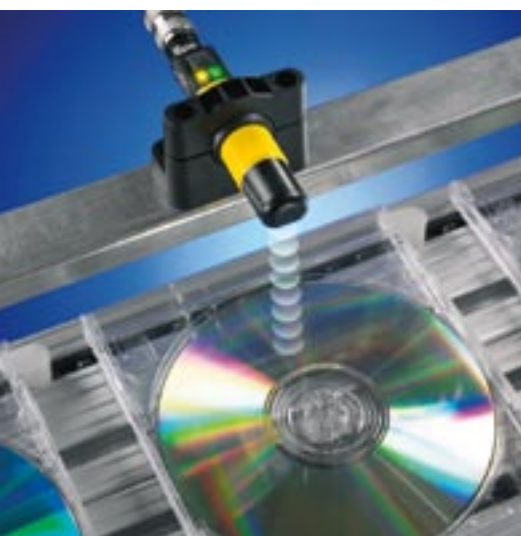
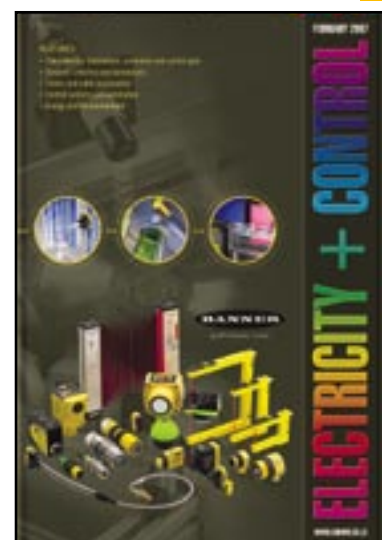
Measurement and Inspection Sensors – advanced precision measurement sensors solve a wide variety of difficult sensing applications. This diverse product line includes the very latest infrared, laser, ultrasonic and camera-based technologies.

Machine Safety Products – safety solutions including safety light curtains for every application. In addition, Banner also offer a complete line of safety modules, two hand controls and safety interlock switches.

Photoelectric sensing is application-intensive, and Banner has technical experts that can rapidly analyse an application and, if required, perform tests utilising the customer's products to find the optimum solution. Banner has developed a worldwide sales and distribution network comprising of more than 2 500 representative and distributor profes-

sionals in every major country. Field sales engineers receive intensive training both at the corporate head office and through professional factory trainers who travel throughout the sales network.

Since 1984 the distribution of Banner products in South Africa and surrounding countries has been done through RET Automation Controls who is based in Johannesburg. A distributor network ensures that the products are readily available in all the major centres in the sub-continent.



RET Automation Controls
www.retauto.co.za