

New to Market



Registration Mark Sensor

High performance, simple set-up

- Simplified setup with single color LED and potentiometer adjustment of switching threshold.
- Color contrast detection as low as 2%.
- Fixed-convergent sensing at 10 mm \pm 3 mm to accommodate target variation.
- Fast 10 kHz switching frequency and 15 microsecond repeatability.
- Rugged IP67 housing with high-quality acrylic lens suitable for food processing applications.

[R58A Series Registration Mark Sensors »](#)

Featured Product



Two-Hand Control Systems

Flexible, cost effective

Highly ergonomic three-part solution offers full compliance with all standards covering two-hand control.

[Run bar »](#)

[Two-Hand Control Modules »](#)

[Self-Checking Touch Buttons »](#)

Applications Spotlight



Replacing Failed Conduit

How can you eliminate the need to trench or bore new conduit runs?

[Learn More »](#)



Vial Filling in Pharmaceutical Applications

How do you ensure product integrity, verify stopper position and inspect for seal quality?

[Learn More »](#)



Conveying Multiple Messages at Factory Workstations

How do you efficiently indicate the workstation status of an automated guided vehicle?

[Learn More »](#)

About Banner

Banner is a global leader in process automation, industrial automation,

Insider

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Back to school and back to work with Banner's convenient, cost-effective solutions to all your industrial and process automation challenges. Learn about our new [registration mark sensor](#), and our robust, ergonomic solution for [two-hand control actuation and safeguarding](#). As always, [your comments are welcome](#).

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Q&A

Q: In vision inspection, will the lens affect the performance of any of the vision tools?

A: Yes, but only to the extent that the quality of the image is determined by your choice of lens. There's a saying in the vision community, "if you can't see it in the image, then the vision sensor will not be able to see it either." Some vision tools may encounter problems if their Region of Interest (ROI) touches the edge of the image. This means that you should make your field of view generous enough to accommodate the part, the normal movement of the part, and additional space for drawing with the software tools.

[More Q&A on this topic »](#)

[Learn more about Banner's Vision Sensors and Vision Lighting »](#)

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Banner in the News

photo eyes, wireless sensors, machine safety and vision lighting.

If you've done business with Banner, you know that we're a strong friendly team of professionals totally committed to making your job easier.

If you're new to Banner, we invite you to experience our extraordinary products, customized solutions and outstanding service.

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Assembly Magazine

"We chose Banner because their equipment was low in cost and worked well for inspecting our customers' products...Banner's vision sensors offer ease of use and relatively small size, with lots of lighting accessories"

[Read More »](#)

[Banner products in the news:
Vision Sensors »](#)