


**BANNER**[®]

R58 Expert™ Registration Mark Sensor

- Optimal contrast derived from a combination of 3 LED colours and 16 levels of grey scale analysis
- Ultra-fast response time of 50 μ s (10 kHz switching frequency) allowing precise detection and positioning
- Extreme performance stability resulting from advanced micro-processor algorithms and virtually no temperature drift or warm up effect
- Configuration using TEACH button to teach Static, Dynamic or Manual Adjustment; optional via remote wire
- Indicator LEDs to show status, DO or LO and provide 30 ms ON-delay selection
- 8-Segment bar graph for setup and signal strength visualisation and control
- Robust metal housing with standard positioned mounting holes and two different output configurations
- Working distance of 10 mm \pm 3 mm
- Two lens positions (on-axis or right-angle) and two spot positions (vertical or horizontal) possible



R58 Expert™



**Automatic detection of
any colour mark**

Registration Mark Detection



Objective: To detect registration marks on food packaging.

Description: The R58 Expert automatically chooses one of three sensing LEDs – red, green or blue to maximise contrast when detecting registration marks.

Splice Detection in a Paper Roll



Objective: To identify splices on a roll of paper.

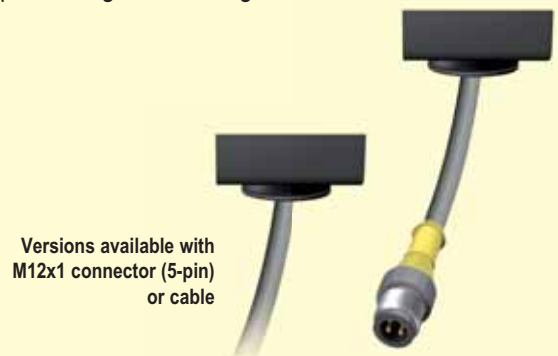
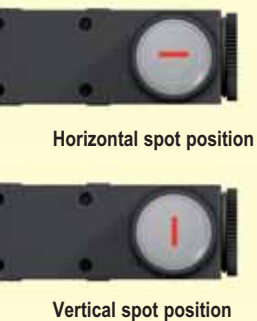
Description: The highly sensitive R58 Expert detects the inconspicuous splice in a roll of paper, ensuring that the printer skips over the splice.



Tube Registration Mark Detection



Objective: To detect registration marks on tubes for correct positioning before filling.



BANNER

Authorised distributor:

SENSORS



SAFETY



VISION



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