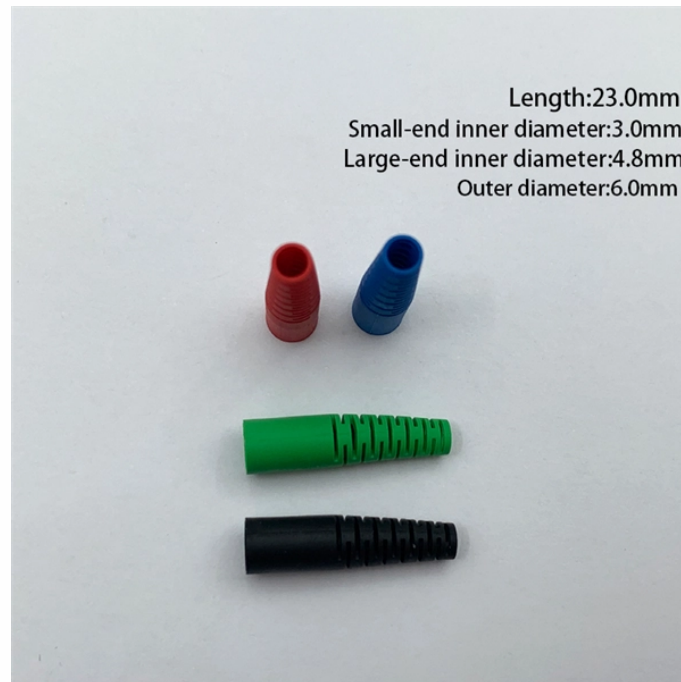


Wiring of Fiber Optic Color Mark Sensor



Overview

■When the bank switching line is not needed, cut the lead wire and wrap it individually with insulating tape, and do not connect it to any other terminal. or by supplying input pulses via the Remote Teach input. TEACH mode has two options: Static TEACH and Dynamic TEACH. Dynamic TEACH provides a means for switch point between light and dark conditions. • Depending on beam color, reliably detects the toughest color mark contrasts, including 20% yellow against white. • Fast, 50-microsecond response. • Choose from infrared or one of four visible beam colors: red, blue, green. Packaging Comes in a Variety of Designs and Materials Recently, packaging materials and designs have grown much more diverse, such as aluminum vapor deposition material to prevent oxidation, or very colorful packages to attract the attention of consumers. Bipolar (NPN/PNP) outputs with three Delay settings (0, 20 or 40. Registration Mark Sensor combines unique color perception ability with very high speed response. It provides extended. Because of the variety of uses for the products described in this publication, those responsible for the application and use of this control equipment must satisfy themselves that all necessary steps have been taken to assure that each application and use

meets all performance and safety.

Wiring of Fiber Optic Color Mark Sensor



R55 Color Mark: Glass Fiber w/ Red LED, Range: Depends on Fiber; Input: 10-30 V dc, Outputs: Bipolar NPN/PNP, 5-pin M12 Integral QD



- Depending on beam color, reliably detects the toughest color mark contrasts, including 20% yellow against white.
- Fast, 50-microsecond response.
- Choose from infrared or one of four visible beam ...



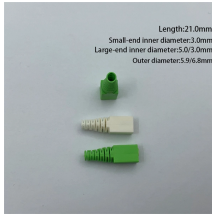
The R55F Fiber-Optic Sensor was developed to provide simplicity of operation and access to tight areas for color mark (registration) sensing applications. The R55F is a technological advancement from ...



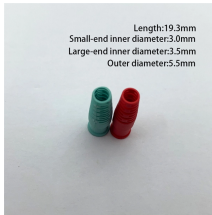
For the new Color Mark Sensors, the Photoelectric Sensor uses RGB three-color LEDs as the light source, and the Fiber Sensor uses a white LED that has a broad wavelength range.



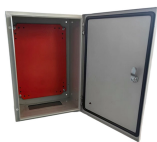
Either may be performed using the push buttons on the sensor, or remotely, using a remote switch or process controller connected to the sensor's gray wire. Either a sensing window or a specific point ...



In this case, monitor/configure the sensor through IO-Link on pin four of the sensor, and connect pin two (if the sensor offers a second output) of the sensor to a standard input card.



Because wiring sensor wires with high-voltage wires or power supply wires can result in malfunctions due to noise, which can cause damage, make sure to wire separately.



access to tight areas for color mark (registration) sensing applications. The R55F is a technological advancement from earlier R55 models.



Preferred Mode: Fiber Optic Reflective (Proximity)
Based upon the characteristics of the web material, the printed mark and the sensing site conditions, the following guidelines will help to select the ...

Contact Us

For more information, pricing, or custom energy solutions, please contact us:

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Email: sales@gdroofing.co.za

Phone: +27 72 418 9365

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