

# Color Detection Sensor

This color sensor is engineered for detecting and differentiating colors in automated systems. It operates with a 12-24VDC power supply and utilizes optoelectronic principles for accurate color detection.



## Overview

### Precision Color Detection

The WMS-101N is a high-performance color sensor engineered for accurate color detection and differentiation in demanding industrial environments. Utilizing advanced optoelectronic principles, it provides reliable feedback for automation, quality control, and color-sensitive processing tasks. Designed for versatility, this sensor supports a wide 12-24VDC power supply range and offers flexible integration options for various industrial systems.

## Electrical Specifications

### Wiring Configuration

Wire Color	Function
Brown	Power Input (12-24VDC)
Blue	0V (Ground)
Black	Output (OUT)
Pink	Mode Set Input

Power Supply	12 VDC
Operating Voltage Range	12-24VDC

## Certifications & Compliance

### Certifications

CE

Country of Origin	China
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## Performance Metrics

### Key Capabilities

- Color detection
- Color differentiation
- Optoelectronic sensing principle