

# Diffuse Reflective Through-Beam Photoelectric Sensor

This photoelectric sensor uses digital circuit technology. It is designed to prevent glare interference and offer a long sensing distance.



## ADDITIONAL IMAGES



## Overview

### Versatile Industrial Sensing

This compact photoelectric sensor is engineered for reliable object detection across a variety of industrial automation and robotics applications. It supports multiple sensing methods, including diffuse, reflective, and through-beam, providing flexibility for diverse process control environments. Designed with a robust housing and a convenient coiled cable, it ensures easy installation and long-term durability in demanding settings.

## Technical Specifications

### Sensing Range

**100 cm**

Sensing Range

Power Supply	12-24VDC
Output Current	100 mA
Model Identifier	EN33-D1T10ÿ•

## Features & Compliance

### Certifications

CE

### Adjustment Capabilities

- Sensitivity adjustment screw
- Fine-tuning detection parameters

## Wiring & Installation

### Wiring Reference

Wire Color	Function
BN (Brown)	12-24VDC
BK (Black)	Output 100mA
BU (Blue)	0V