

# Capacitive label sensor LDS-2P\N-C



## Highlights

- Works with clear and paper labels (labels without metallic or high-carbon materials or artwork)
- Extremely stable and easy setup
- Fast, accurate, reliable
- Short-circuit and overload protection
- Robust aluminum housing
- M12 Plug connection
- Sensitivity adjustment via push buttons
- Output 2 LED indicators (green LED for no detection, red LED for object detection)
- High tolerance to hostile environments
- 12-24 V DC power supply voltage (±10%)
- 4 wire, NPN or PNP output (NO + NC)
- High switching frequency (Max label speed 10m/s min gap of labels is 2mm)

## Applications



Transparent label detection

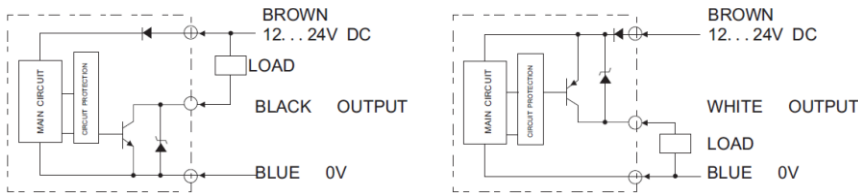


Bottle pack machine labeling

## Product parameters

Model	LDS-2P\N-C
Sensing range	Groove depth ×width=0.7 * 85 mm
Working voltage	DC10~30V±10%
Current consumption	25mA Max
Response time	0.1ms
Frequency	5KHz
Control output	PNP transistor collector output, normally open or normally closed NPN transistor collector output, normally open or normally closed
Detection characteristics	The maximum label speed is 10m / s and the minimum label spacing is 2mm
Output current	100mA
Protection circuit	Reverse protection / short circuit protection
Indicator light	Red light H: balanced reference indicator
	Red light D: sensitivity indicator
	Green light F: signal output indicator
Sensitivity adjustment	Intelligent adjustment of teaching button and teaching input
Ambient temperature	0~60°C
Shell material	aluminum
Connection	4 pins - M12 size connector
Weight	---

## Input/Output circuit



## Dimension

