

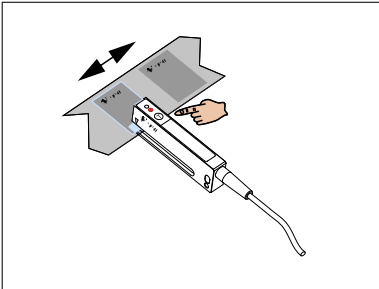
# Photoelectric label sensor V5PF-T100



## Highlights

- Works with regular paper labels (labels without metallic or high-carbon materials)
- Extremely stable and easy setup
- Fast, accurate, reliable
- Short-circuit and overload protection
- Robust aluminum housing
- M8 Plug connection or wire 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



Regular label detection

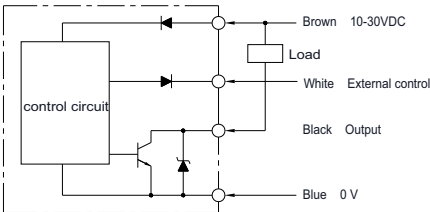


## Product parameters

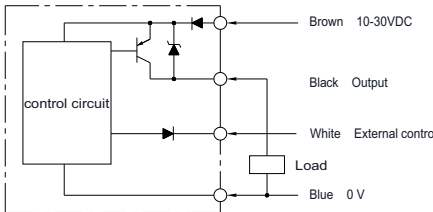
Model/Type	Wire	V5PF-T100N	V5PF-T100P
	M8	V5PF-T100N-M8	V5PF-T100P-M8
Output		NPN	PNP
Detection of objects		Opaque label	
Supply voltage		10-30VDC	
The label width		2mm	
The label gap		2mm	
Control the output		Transistor collector open circuit output	
Sensitivity control		Key adjustment & remote control	
Max current output		100mA	
Current consumption		25mA	
Response time		50us	
Switching frequency		10KHz	
Reverse power protection		Equipment	
Short circuit protection		Equipment	
light on/dark on		Switch on and off	
Ambient temp/humidity		- 20 ° C ~ 60 ° C	
IP protection level		Ip66	
Size		80×12×24mm	
Shell material		Aluminium alloy	

## Input/Output circuit

### NPN

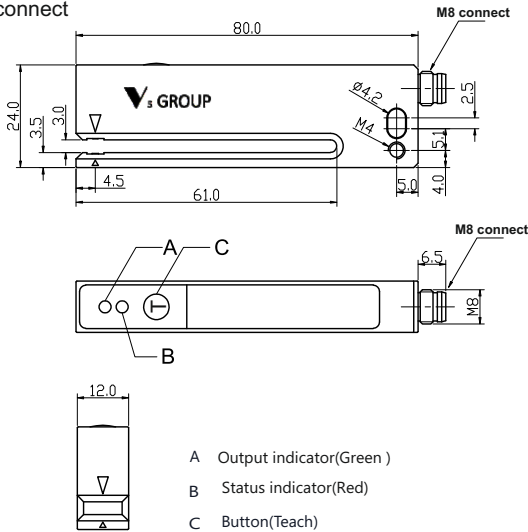


### PNP



## Dimension

### M8 connect



### Wire

