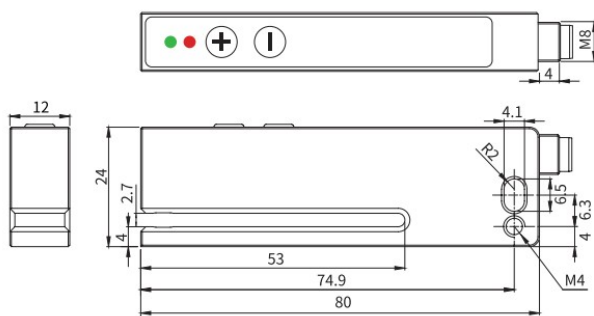# ILS-100NP
label sensor

-Features: stable detection for non-transparent labels, one-key self-learning function

-Output mode: normally open and normally closed switchable
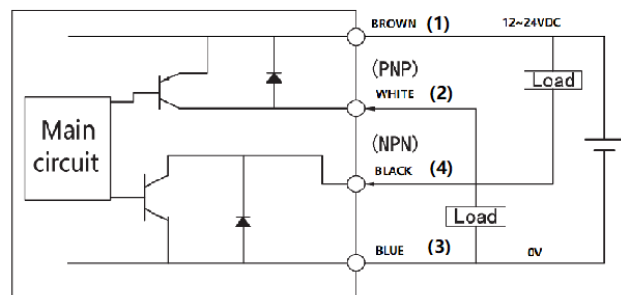

MODEL	ILS-100NP
Output type	NPN+PNP
Detectable object	Non-transparent labels, translucent labels
Label gap	2mm
Response time	less than 100us
Vibration resistance	10-55HZ double amplitude: 1.5mm, X\Y\Z are 2 hours respectively
Output status	NPN and PNP two outputs at the same time, normally open and normally closed switchable
Supply voltage	12-24V DC±10% floating PP below 10%
Current consumption	less than 20mA
Connection	M8 4pin
Ambient temperature/humidity	-20~55°C, 35%-85% relative humidity
IP protection level	IP65
Indicator light	Red: function indicator, green: output indicator
Material	Metal body (Aluminum)

Dimensional Drawing

Circuit Diagram

Configurations:

1) self-teaching/auto-mode:
Press + and – for more than 1s. Release buttons when red indicator is off. When red indicator starts blinking, move the labels forward and reverse repeatedly.

2) manual model:
Press + or – to increase or reduce the sensitivity.

3) NO or NC switching
Press + and – for more than 1s. Release buttons when green light status is inverted.