

# CURRENT SENSOR

- suitable to DC and DCC system as well
- 1A current each section
- 5V power supply with polarity change protection
- 4 independent sections
- 4 LEDs to display occupancy of sections
- 5V output (HIGH level)
- LOW output level (0V) if the section is occupied (current detected)
- suitable to control Arduino devices, Grade crossing controllers or display occupied sections
- easy to connect to Arduino family boards
- Arduino setup: `if (digitalRead (input_pin) == LOW) - {do something};`
- integrated pull-up resistors
- output voltage 5V, current 50 mA

